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Community Environmental Response Facilitation Act (CERFA) Report

Coosa River Storage Annex
Talladega, Alabama

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JUL 15 1994
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Prepared for:

U.S. ARMY ENVIRONMENTAL CENTER
ABERDEEN PROVING GROUND, MARYLAND 21010

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Prepared by:

THE EARTH TECHNOLOGY CORPORATION
1420 King Street, Suite 600
Alexandria, Virginia 22314

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Young, B.; Fry, C.

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The Earth Technology Corporation
1420 King Street, Ste. 600
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This report presents the results of the Community Environmental Response Facilitation Act (CERFA) investigation conducted by The Earth Technology Corporation (TETC) at Coosa River Storage Annex, a U.S. Government property selected for closure by the Base Realignment and Closure (BRAC) Commission under Public Laws 100-526 and 101-510. Under CERFA (Public Law 102-426), Federal agencies are required to identify expeditiously real property that can be immediately reused and redeveloped. Satisfying this objective requires the identification of real property where no hazardous substances or petroleum products, regulated by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), were stored for one year or more, known to have been released, or disposed.

The Coosa River Storage Annex is a 2,852-acre site (more or less) located in Talladega County, Alabama, approximately 4 miles northwest of Talladega, Alabama. The installation's primary mission is to provide storage of munitions and inert munitions containers and components. Activities associated with the property that have environmental significance are the storage of these explosives and the fuels associated with the utility buildings.

TETC reviewed existing investigation documents; U.S. Environmental Protection Agency (USEPA), State, and county regulatory records; environmental data bases; and title documents pertaining to Coosa River Storage Annex during this investigation. In addition, TETC conducted interviews and visual inspections of Coosa River Storage Annex as well as visual inspections of and data base searches for the surrounding properties. Information in this CERFA Report was current as of April 1994. This information was used to divide the installation into four categories of parcels: CERFA Parcels, CERFA Parcels with Qualifiers, CERFA Disqualified Parcels, and CERFA Excluded Parcels, as defined by the Army.

The total BRAC property acreage at Coosa River Storage Annex is 2,852 acres. Areas of the facility that have no history of CERCLA-regulated hazardous substance or petroleum product release, disposal, or storage are categorized as CERFA Parcels. TETC determined that approximately 2,582 acres of the 2,852-acre property fall within the CERFA Parcel category, predominantly in the south central part of the installation.

Areas of the facility that had no evidence of such release, disposal, or storage, but contained hazards not regulated by CERCLA (such as asbestos, radon gas, lead-based paint, unexploded ordnance, radionuclides, or not in-use equipment containing polychlorinated biphenyl) were categorized as CERFA Parcels with Qualifiers. Approximately 4 acres of the facility were identified as CERFA Parcels with Qualifiers.

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TABLE OF CONTENTS

TABLE OF CONTENTS

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TABLE OF CONTENTS

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LIST OF FIGURES

LIST OF TABLES

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TABLE OF CONTENTS

Continued

LIST OF ACRONYMS & ABBREVIATIONS

ADEM	Alabama Department of Environmental Management
ALAAP	Alabama Army Ammunition Plant
ANAD	Anniston Army Depot
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CROP	Coosa River Ordnance Plant
ERIIS	Environmental Risk Information and Imaging Services
IRP	Installation Restoration Program
PA	Preliminary Assessment
PCB	Polychlorinated Biphenyl
pCi/L	PicoCuries per liter
TETC	The Earth Technology Corporation
TPH	Total Petroleum Hydrocarbons
USAEC	U.S. Army Environmental Center
USATHAMA	U.S. Army Toxic and Hazardous Materials Agency
USEPA	U.S. Environmental Protection Agency

EXECUTIVE SUMMARY

This report presents the results of the Community Environmental Response Facilitation Act (CERFA) investigation conducted by The Earth Technology Corporation (TETC) at Coosa River Storage Annex, a U.S. Government property selected for closure by the Base Realignment and Closure (BRAC) Commission under Public Laws 100-526 and 101-510. Under CERFA (Public Law 102-426), Federal agencies are required to identify expeditiously real property that can be immediately reused and redeveloped. Satisfying this objective requires the identification of real property where no hazardous substances or petroleum products, regulated by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), were stored for one year or more, known to have been released, or disposed.

The Coosa River Storage Annex is a 2,852-acre site (more or less) located in Talladega County, Alabama, approximately 4 miles northwest of Talladega, Alabama. The installation's primary mission is to provide storage of munitions and inert munitions containers and components. Activities associated with the property that have environmental significance are the storage of these explosives and the fuels associated with the utility buildings.

TETC reviewed existing investigation documents; U.S. Environmental Protection Agency (USEPA), State, and county regulatory records; environmental data bases; and title documents pertaining to Coosa River Storage Annex during this investigation. In addition, TETC conducted interviews and visual inspections of Coosa River Storage Annex as well as visual inspections of and data base searches for the surrounding properties.

Information in this CERFA Report was current as of April 1994. This information was used to divide the installation into four categories of parcels: CERFA Parcels, CERFA Parcels with Qualifiers, CERFA Disqualified Parcels, and CERFA Excluded Parcels, as defined by the Army.

The total BRAC property acreage at Coosa River Storage Annex is 2,852 acres. Areas of the facility that have no history of CERCLA-regulated hazardous substance or petroleum product release, disposal, or storage are categorized as CERFA Parcels. TETC determined that approximately 2,582 acres of the 2,852-acre property fall within the CERFA Parcel category, predominantly in the south central part of the installation.

Areas of the facility that had no evidence of such release, disposal, or storage, but contained hazards not regulated by CERCLA (such as asbestos, radon gas, lead-based paint, unexploded ordnance, radionuclides, or not in-use equipment containing polychlorinated biphenyl) were categorized as CERFA Parcels with Qualifiers. Approximately 4 acres of the facility were identified as CERFA Parcels with Qualifiers.

Areas of the facility, for which there is a history of release, disposal, or storage for one year or more of CERCLA-regulated hazardous substances or petroleum products or had a release of hazards identified above were categorized as CERFA Disqualified Parcels. 266-acres of installation property are identified as CERFA Disqualified Parcels.

Areas on the facility that will be retained by the Federal Government or that have already been transferred by deed are categorized as CERFA-Excluded Parcels. None of the property was identified as CERFA-Excluded Parcels.

The primary objective of CERFA is satisfied by the identification of CERFA Parcels and CERFA Parcels with Qualifiers. As a result, concurrence has been sought from the regulatory agencies on these two categories of parcels. This CERFA Report has been reviewed by the U.S. Army Environmental Center (USAEC), Coosa River Storage Annex, Region IV USEPA, and the Alabama Department of Environmental Management (ADEM). Comments from these organizations have been incorporated into this final report. Any unresolved issues from the regulatory agencies are identified. Concurrence has been received for all parcels.

This report contains maps that summarize the categorization of Coosa River Storage Annex on the basis of the above definitions. This Executive Summary should be read only in conjunction with the complete CERFA Report for this installation. The CERFA Report provides the relevant environmental history to substantiate the parcel categorization. This report does not address other property transfer requirements that may be applicable under the National Environmental Policy Act, nor does it address natural resource considerations such as the threat to plant or animal life.

1.0 INTRODUCTION

This Community Environmental Response Facilitation Act (CERFA) Report for the Coosa River Storage Annex was prepared by The Earth Technology Corporation (TETC) under Contract No. DAAA15-91-0009, Delivery Order 0010, for the U.S. Army Environmental Center (USAEC), Base Closure Division. The purpose and scope of the work is presented in this section. The sources used to conduct the investigations for the CERFA report are identified in Section 2. Background information for the Coosa River Storage Annex is provided in Section 3. CERFA investigation results are discussed in Section 4. Finally, Section 5 includes maps that provide Coosa River Storage Annex boundaries and land transfers and delineate the parcels of the facility according to CERFA Parcel identification requirements.

1.1 PURPOSE AND SCOPE

Public Laws 100-526 and 101-510 designated more than 100 Army facilities for closure and realignment. As a result, it became necessary to expedite the environmental investigation and cleanup process prior to the release and reuse of Army Base Realignment and Closure (BRAC) property. The BRAC environmental restoration program was established in 1989 with the first round of base closures (BRAC 88) and continued with subsequent rounds (BRAC 91, BRAC 93, etc.). The BRAC program is similar to the Army's Installation Restoration Program (IRP), but it has been expanded to include such categories of contamination as asbestos, radon, polychlorinated biphenyls (PCBs), and others that are not normally addressed under the IRP program.

The first step in the BRAC environmental restoration program was the preparation of Enhanced Preliminary Assessments (PAs). The term "enhanced" is used to distinguish these assessments from previous IRP PAs: the BRAC PAs are conducted from a property transfer perspective and evaluate substances (e.g., asbestos, radon, PCBs) that are not included in the previous PAs. The Enhanced PAs include reviews of existing installation documents, regulatory records, and aerial photographs; a site visit and visual inspection; and employee interviews. Enhanced PAs were conducted for BRAC 88 and BRAC 91 installations and are currently underway at BRAC 93 installations. An Enhanced PA was prepared for Coosa River Storage Annex in December 1989 by Weston, under the direction of USAEC (formerly the U.S. Army Toxic and Hazardous Materials Agency [USATHAMA]).

In October 1992, Public Law 102-426, CERFA, amended Section 120(h) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and established new requirements for contamination assessment and regulatory agency notification/concurrence for Federal facility closures. CERFA requires the Federal Government to identify property where no CERCLA-regulated hazardous substances or petroleum products were stored, released, or disposed before ending activities on real property owned. The government's assessment of a facility as uncontaminated must be concurred with by the appropriate regulatory agencies (U.S. Environmental Protection Agency on National Priority List bases and the State on non-National Priority List bases). These requirements retroactively affect the Army BRAC 88 and BRAC 91

environmental restoration activities and are being implemented at BRAC 93 sites concurrently with their Enhanced PAs. The primary objective of the CERFA is that Federal agencies expeditiously identify real property that can be rapidly reused and redeveloped. CERFA does not mandate that the Army transfer real property so identified.

TETC was awarded the task to identify real property where no CERCLA-regulated hazardous substances or petroleum products were stored, released, or disposed at 12 BRAC 88 sites. This report presents the findings of this CERFA response for Coosa River Storage Annex, Alabama.

1.2 DEFINITION OF TERMS

The following definitions are used to categorize and label parcels identified on the installation:

- ★ CERFA Parcel -- A portion of the installation real property for which investigation reveals no evidence of storage for one year or more, release, or disposal of CERCLA hazardous substances, petroleum, or petroleum derivatives and no evidence of being threatened by migration of such substances. CERFA parcels include areas where PCB containing equipment is in operation, but there is no evidence of release. CERFA parcels also include any portion of the installation which once contained related environmental, hazard, or safety issues including unexploded ordnance (UXO) located on firing ranges or impact areas, radon, stored (not in-use) PCB-containing equipment, asbestos contained within building materials, and lead-based paint applied to building material surfaces, but which have since been fully remediated or removed.

- ★ CERFA Parcel with Qualifier(s) -- A portion of the installation real property for which investigation reveals no evidence of storage for one year or more, release, or disposal of CERCLA hazardous substances, petroleum, or petroleum derivatives and no evidence of being threatened by migration of such substances. Parcel does however contain related environmental, hazard, or safety issues including unexploded ordnance (UXO) located on firing ranges or impact areas, radon, radionuclides contained within products being used for their intended purposes, asbestos contained within building materials, lead-based paint applied to building material surfaces, or stored (not in-use) PCB containing equipment.

- ★ CERFA Disqualified Parcel -- A portion of the installation real property for which investigation reveals evidence of a release, disposal, or storage for more than one year of a CERCLA hazardous substance, petroleum, or petroleum derivatives; or a portion of the installation threatened by such a release or disposal. CERFA Disqualified Parcels also include any portion of the installation where PCB, asbestos containing material, lead-based paint residue, or any ordnance has been disposed of, and any locations where chemical ordnance has been stored. Additionally, CERFA Disqualified Parcels include any areas in which CERCLA hazardous substances or petroleum products have been released or disposed of and subsequently fully remediated.

- ★ CERFA Excluded Parcel -- A portion of the installation real property retained by the Department of Defense, and therefore not explicitly investigated for CERFA. CERFA Excluded Parcels also include any portions of the installation which have already been transferred by deed to a party outside the Federal Government, or by transfer assembly to another Federal agency.

The following labels are used in conjunction with the identified parcels:

- ★ P = CERFA Parcel
- ★ Q = CERFA Parcel with Qualifier(s)
- ★ D = CERFA Disqualified Parcel
- ★ E = CERFA-Excluded Parcel

Each parcel has been given a unique number to which the appropriate labels are attached. For example, 4P indicates that the fourth parcel is in the CERFA Parcel category.

The presence of hazards not regulated by CERCLA places a parcel in the CERFA Parcel with Qualifier category. This has been indicated by the following labels:

- ★ A = Asbestos
- ★ L = Lead-based Paint
- ★ P = PCB
- ★ R = Radon
- ★ X = Unexploded Ordnance
- ★ RD = Radionuclides

For example, similar to the designation described above, 5Q-L would indicate that the fifth parcel is in the CERFA Parcel with Qualifiers category because of the presence of lead-based paint. Similarly, parcel label 8Q-X/R indicates that the 8th parcel is in the CERFA Parcel with Qualifiers category because of the presence of unexploded ordnance and radon.

The following designations are used to indicate the type of contamination or storage present in a parcel that has been placed in the CERFA Disqualified category:

- ★ PR = Petroleum Release
- ★ PS = Petroleum Storage
- ★ HR = Hazardous Substance Release
- ★ HS = Hazardous Substance Storage

For example, 12D-HR indicates that the twelfth parcel is in the CERFA Disqualified category because of evidence of hazardous substance release.

For all parcels, "(P)" is used to indicate that the presence of a contaminant is possible, but that data are unavailable for verification. For example, 9Q-A(P) indicates that the ninth parcel is in the CERFA Parcel with Qualifiers category because of possible presence (unverified) of asbestos-containing material. Similarly, parcel label 15D-HR/PS/A(P) indicates that the 15th

parcel is in the CERFA Disqualified category based on evidence of a hazardous substance release and petroleum storage. It may also have asbestos-containing material.

1.3 GEOGRAPHICAL AND ENVIRONMENTAL SETTING

Coosa River Storage Annex is a forested 2,836-acre storage facility located 4 miles northwest of Talladega, Alabama. Figure 1-1 presents the geographic location of the installation. Of the total, 1,711 acres are used as a buffer zone; the remaining 1,125 acres consist of the storage area, which contains 136 standard ammunition storage igloos, 2 covered railcar loading platforms, 3 uncovered railcar loading platforms, and 5 buildings. Land around the facility, primarily forest and farmland with some light industry, is used mostly for lumber, pulpwood, livestock, and soybeans cultivating. The Talladega National Forest is located approximately 2 miles southeast of Coosa River Storage Annex. Areas to the south of the site are predominantly residential; some industrial activity is located along Coosa River Storage Annex's southern border in manufacturing buildings of the former Breton Loading Company.

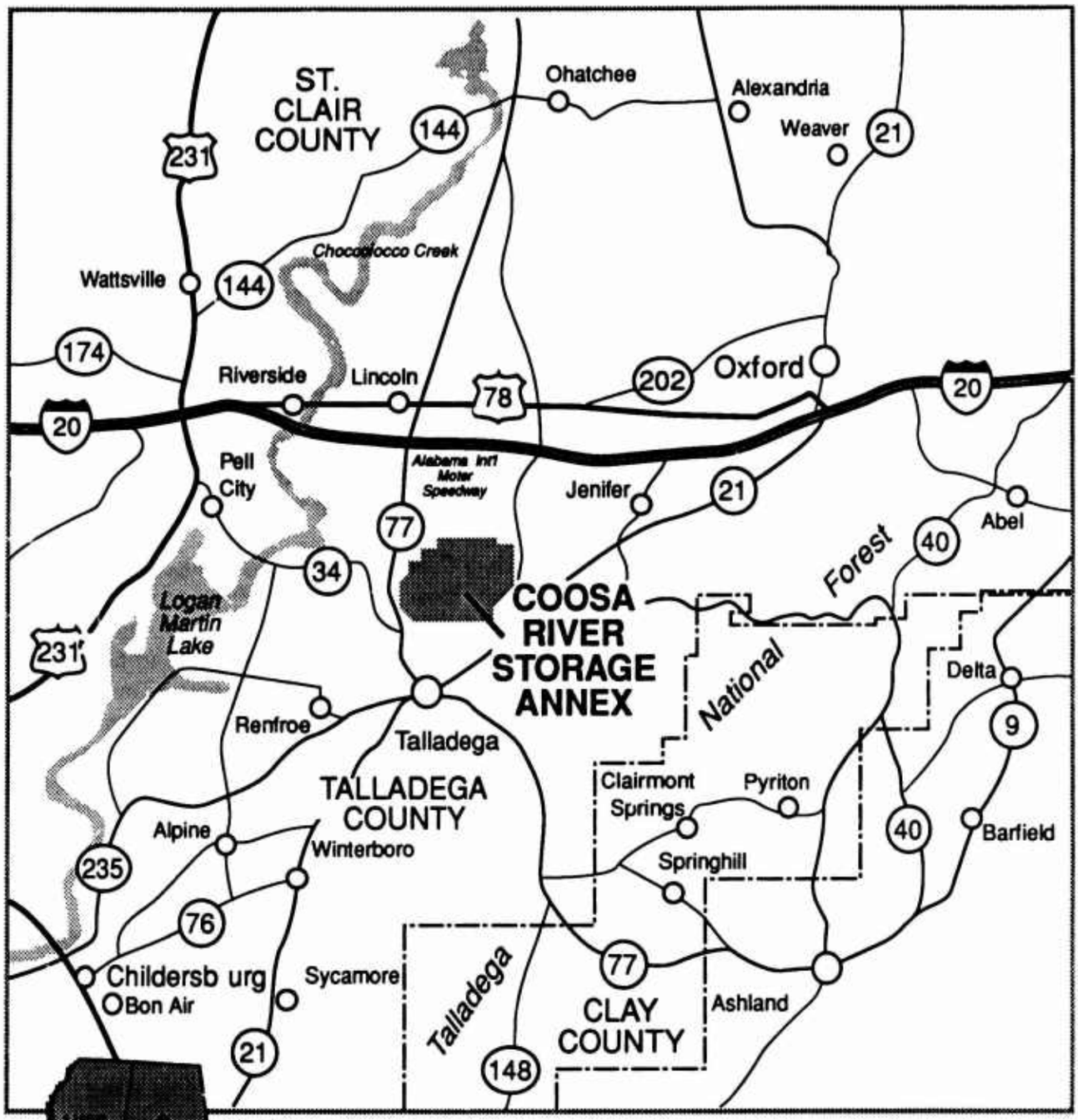
Coosa River Storage Annex is located in a temperate and humid climate. Extremes of temperature are uncommon and generally of short duration. The local climate is influenced by weather patterns and disturbances associated with the Gulf of Mexico. Summer air originates mainly in the Gulf of Mexico and the Atlantic Ocean. Severe disturbances occasionally produce high winds, thunderstorms, hail, and tornados. In the winter, mild moist maritime air alternates with cool, dry continental air, bringing many mild, wet days.

Average annual precipitation at Coosa River Storage Annex is 54.52 inches. Most precipitation occurs in March (average rainfall 6.62 inches), July (5.39 inches), January (5.23 inches), and April (5.00 inches). Continental air-mass disturbances dominate the local weather patterns for March, whereas oceanic effects influence weather patterns for July. The least amount of precipitation occurs in October (an average of 2.64 inches).

The annual average temperature for Talladega, Alabama, is 63.4°F. July is the warmest month, with an average monthly temperature of 80.2°F, and a normal daily minimum temperature of 69.8°F. Summers are hot with persistent high humidity. January is the coldest month with a normal average temperature of 42.9°F, a daily maximum of 52.7°F, and a daily minimum of 33°F. December is the next coldest month, with an average temperature of 46.5°F.

1.3.1 Physical Setting

Elevations at Coosa River Storage Annex range from approximately 1,000 feet to 540 feet above mean sea level. The maximum elevation at Coosa River Storage Annex occurs in the northwest portion of the site. The lowest elevations occur where an unnamed tributary of Kelly Creek crosses the eastern property boundary. Relief is greater in the northern and western ends of Coosa River Storage Annex. The developed area of Coosa River Storage Annex has little relief and slopes gently toward the east-southeast.



General Location of Coosa River Storage Annex, Alabama

Figure 1-1

1.3.2 Surface Water

Surface water drainage at the Annex follows one of two pathways to reach the Coosa River approximately 15 miles downstream. Drainage from the mountainous area in the northern and western portions of the Annex flows northwesterly in two small perennial streams approximately 4 miles before joining Choccolocco Creek, a Coosa River tributary. From this confluence, Choccolocco Creek flows for approximately 10.4 miles before entering Logan Martin Lake, which is part of the Coosa River.

Three small intermittent streams, which form the headwaters of Kelly Creek, drain the southern and eastern portions of the Annex. These streams flow in drainage ditches from west to east. Kelly Creek flows northeasterly approximately 2.4 miles before joining Cheaha Creek. According to the best usage classifications established by the State of Alabama, these tributaries and Kelly Creek itself are classed for agricultural and industrial water supply.

Based on flood insurance rate maps of Talladega County, areas in the southeastern portion of the Annex may be affected by a 100-year flood from an unnamed tributary of Kelly Creek. Small ponds are common in Talladega County. Four ponds are present at the Annex; three of these ponds appear to be artificially created as the result of excavations. The fourth pond, located in the southeast corner of the Annex, appears to be associated with a low-lying area where surface water accumulates. No evidence of excavation was observed at this location during the Technical Plan's site reconnaissance effort. During the field investigation sampling effort of this Environmental Investigation, this pond was observed to be the result of a beaver dam.

1.3.3 Geology and Soils

The geology beneath Coosa River Storage Annex is summarized from the Environmental Investigation Report for Coosa River Storage Annex. Deep, well-drained soils derived from weathered sandstone and shale are found predominantly in the northwestern and central portion of Coosa River Storage Annex and appear to coincide with the underlying quartzite and dolomite bedrock. Deep, moderately well-drained cherty soils derived from weathered sandstone, shale, and cherty limestone are generally located in the southeastern portion of Coosa River Storage Annex, which is underlain by shale bedrock.

1.3.4 Hydrogeology

In general, groundwater in the vicinity of Coosa River Storage Annex is found at depths ranging from 10 to 35 feet below ground surface, in artesian aquifers. On the basis of topographic maps of the area, the Environmental Investigation Report concluded that groundwater flows from east to west. Three artesian springs are located within 4 miles of Coosa River Storage Annex. No other springs are listed by Alabama Department of Environmental Management (ADEM) within a 1-mile radius of the site. Breton Spring, which is owned by the city of Talladega but not used for water supply, is located approximately 1,400 feet south of Coosa River Storage Annex.

There are no registered public water supply wells within 1-mile of Coosa River Storage Annex. The city of Talladega obtains most of its water supply from wells, but supplemental water is obtained from Talladega Creek (located south of the site) during periods of peak demand. Twenty-seven wells are located within a 3-mile radius of the center of Coosa River Storage Annex, including three of the city of Talladega active municipal wells serving over 80,000 people. The city of Talladega provides a potable water supply to all areas located within a 1-mile radius of Coosa River Storage Annex and is the water source for the bathhouse at Coosa River Storage Annex.

2.0 SCOPE OF INVESTIGATION

The scope of this CERFA investigation followed the protocol established in Public Law 102-426 supplemented by Department of Defense Policy on the Implementation of CERFA dated May 19, 1993. This section describes the sources that were used during the CERFA investigation conducted for Coosa River Storage Annex. Relevant information available from previous environmental studies are presented. Findings from Federal, State, and local government regulatory records, installation documents, aerial photographs, and personnel interviews are addressed. The visual inspection methods used during the site survey are identified.

2.1 EXISTING DOCUMENTS

Existing investigation documents and aerial photographs were reviewed to evaluate pertinent information that could be used as part of the CERFA report. These documents are listed in Appendix A, "Reference List for Coosa River Storage Annex." Primary source documents containing CERFA criteria information include the Enhanced PA and the Environmental Investigation which are summarized in Table 2-1.

2.1.1 Enhanced PA Report (December 1989)

The Enhanced PA identified 7 areas of potential concern at Coosa River Storage Annex, including railcar loading ramps (2), a debris pile, ammunition storage igloos (136), ground disturbances (21), excavated ponds (4), abandoned underground storage tanks, and asbestos. In the absence of other sources of information, aerial photographs were relied on to identify many of the possible operations that have environmental significance.

The assessment concluded that past spills may have occurred at the two covered, concrete, railcar loading ramps. The debris pile, located immediately adjacent to a loading ramp, did not appear to contain hazardous materials. However, further investigation was recommended to confirm that no hazardous wastes were disposed at this site. The storage igloos were found to be clean, dry, and free of floor cracks. Soil sampling was recommended to confirm that no spills occurred in the past. Most of the 21 ground disturbances appeared in the 1949 aerial photograph and were no longer visible in the 1977 aerial photograph, due to revegetation. Each ground disturbance was identified as a "potential waste disposal site" requiring additional investigation. At least two of the four ponds appeared in early aerial photographs as ground disturbances. Further investigation was recommended to determine whether disposal activities had occurred in these ponds. Three underground storage tanks and one septic tank were found to be abandoned in place. The underground storage tanks were scheduled for removal at the time of the assessment. A 1989 asbestos survey identified buildings that contained asbestos. The survey concluded that the asbestos was not a significant source of air contaminants.

TABLE 2-1
SUMMARY OF ENHANCED PRELIMINARY ASSESSMENT AND ENVIRONMENTAL INVESTIGATION REPORT, COOSA RIVER STORAGE ANNEX

CERFA Label	Enhanced Preliminary Assessment (December 1989)	Environmental Investigation Report (September 1992)
Asbestos	A complete asbestos survey was performed in 1989.	Asbestos was not investigated.
Lead-based paint	Not addressed.	Not addressed.
Polychlorinated biphenyls	Transformer installed in 1988 was identified as containing no PCB material.	PCBs were not investigated.
Radon	Radon survey recommended.	Radon survey was conducted on 14 storage igloos in 1991.
Unexploded ordnance	Addressed, but not identified as a potential concern because all testing was done at the Alabama Army Ammunition Plant.	Unexploded ordnance was not addressed.
Radionuclides	Addressed, but not identified as a potential concern because there was no history of storage.	Radioactive materials were not addressed.
Petroleum release/disposal	No confirmed release or disposal of petroleum products.	TPH was detected in wipe samples of 5 igloos. TPH was detected in one soil sample adjacent to an igloo.
Petroleum storage	3 USTs identified as abandoned in place; Removal was recommended.	USTs were not investigated. Reported 2 AGT propane tanks that were no longer at the site.
Hazardous substance release/disposal	No hazardous substance spills or releases were recorded. Areas of potential release were identified at two railcar loading ramps and at the storage igloos. 21 ground disturbances, 1 debris pile, and 4 excavated ponds were identified as potential disposal areas.	Sampling was conducted at 5 railcar loading ramps for soil contamination and at the storage igloos for both interior surface contamination and soil contamination. Samples from the 21 ground disturbances, 4 excavated ponds and 1 debris pile were collected and analyzed for soil, surface water, and sediment contamination.
Hazardous substance storage/disposal	Pesticide/herbicide storage addressed, but not identified as being a potential for concern.	Not addressed.

Key: CERFA = Community Environmental Response Facilitation Act
PCB = Polychlorinated Biphenyl
TPH = Total Petroleum Hydrocarbon
UST = Underground Storage Tank
AGT = Aboveground Tank

The Enhanced PA concluded that no conditions appeared to represent a threat warranting immediate action at Coosa River Storage Annex (although very little information was available on waste disposal practices during the 1940s). Other than the debris pile and the relatively minor stains at the three igloos, the recommendations for further investigations were based on the possibility of past spills or on-site waste disposal rather than on field observations or recorded history.

2.1.2 Preliminary Investigation and Secondary Site Assessment of a Former Underground Tank, Coosa River Storage Annex (1990 and July 1991)

The Preliminary Investigation, prepared in 1990, examined the possibility of soil and groundwater contamination at a gasoline underground storage tank removal site at Building S1. Measurable quantities of total petroleum hydrocarbons (TPH) were not detected in any of the soil samples; however, benzene, ethylbenzene, toluene, and xylenes were found in groundwater samples. ADEM subsequently issued Coosa River Storage Annex a Notice of Violation that required further site evaluation.

The Secondary Site Assessment, prepared in July 1991, was conducted to meet the corrective action requirements of the Notice of Violation. In the assessment, an evaluation was made of the vertical and horizontal extent of contamination at the underground storage tank removal site. All detected concentrations of hydrocarbon constituents in soil and groundwater samples were below those levels requiring corrective action (set by the State of Alabama).

2.1.3 Environmental Investigation Report, Coosa River Storage Annex (September 1992)

This report, prepared in September 1992, presented the results of the Environmental Investigation and the related Baseline Risk Assessment. This report provides the most recent information on characterization of soil and groundwater contamination at Coosa River Storage Annex identified in the Enhanced PA including the following areas: storage igloos, railcar loading ramps, debris pile, 21 areas of ground disturbance, and "excavated" ponds.

The Environmental Investigation indicated that concentrations of lead in backgrounds samples ranged from 12 to 18 micrograms per gram, and nitrocellulose in background samples ranged from 23.1 micrograms per gram (not detected) to 155 micrograms per gram. All other analytes in the investigation did not appear in background samples. Results of the Environmental Investigation also indicate that interior surfaces at seven igloos; and soils at the ground disturbances, the railcar loading ramps, and the storage igloos, show chemicals above background concentrations -- chiefly the nitroaromatics 2,4-dinitrotoluene (soil only), 2,6-dinitrotoluene (soil only), 2,4,6-trinitrotoluene (igloo interior surfaces only), nitrobenzene (igloo interior surfaces only), and 1,3,5-trinitrobenzene (igloo interior surfaces only). Soils also show detectable levels of lead, mercury, and nitrocellulose. Although samples were analyzed for the presence of nitrocellulose, this compound is not a hazardous substance according to CERCLA. The results of the Environmental Investigation indicate that although the chemicals of potential concern have been released to the environment, they are not migrating from the soil media to the other environmental media examined. According to the Baseline Risk Assessment,

concentrations of naturally-occurring radon in igloo interiors and 2,4-dinitrotoluene and 2,6-dinitrotoluene in shallow subsurface soils present potential carcinogenic risk.

2.2 FEDERAL, STATE, AND LOCAL GOVERNMENT REGULATORY RECORDS

Information regarding permit and compliance status, enforcement actions, and the hazardous waste generator status of Coosa River Storage Annex was obtained through on-site and telephone interviews, an electronic data base search, and record reviews at various Federal, State, and local regulatory agencies.

Record reviews and interviews were conducted at the ADEM and the U.S. Environmental Protection Agency Region IV. Federal and Army records made available by AEC and Coosa River Storage Annex were also reviewed.

An electronic data base search of Federal and State records resulted in a Federal/State Data Report and Map containing information from the following data bases:

- ★ National Priority List
- ★ Comprehensive Environmental Response Compensation, and Liability Information System
- ★ Toxic Release Inventory
- ★ Resource Conservation and Recovery Information System Treatment and Storage Facility
- ★ Resource Conservation and Recovery Information System Large Quantity Generators
- ★ Resource Conservation and Recovery Information System Small Quantity Generators
- ★ Civil Enforcement Docket
- ★ Emergency Response Notifications System
- ★ Facility Index System
- ★ Nuclear Facilities
- ★ Open Dumps
- ★ State Landfills
- ★ Underground Storage Tanks.

The search encompassed the properties within a 1-mile radius from the center of the installation. A copy of the data base search results are included in Appendix B. A summary of relevant regulatory information obtained during the record review process is presented below.

2.2.1 Permits and Permit Applications

Because Coosa River Storage Annex was most active prior to the enactment of environmental protection and reporting regulations, no permits or permit applications are available for Coosa River Storage Annex.

2.2.2 Inspection Reports and Enforcement Actions

The only regulatory Notice of Violation found on record was issued by ADEM for an inadequate underground storage tank closure report, as described in 2.1.2.

2.3 INTERVIEWS

TETC conducted a site visit at Coosa River Storage Annex on September 28, 1993, to collect information and interview individuals associated with the installation. TETC was represented by Carol Frye.

Anniston Army Depot (ANAD) personnel were the only individuals interviewed. At the time of the visit, no personnel were present at Coosa River Storage Annex; following World War II, Coosa River Storage Annex was transferred to the ANAD, which is 12 miles north of Coosa River Storage Annex. In addition, Carol Frye of TETC visited USEPA Region IV offices and ADEM offices, to obtain information not available at the installation. A complete list of the agencies visited or contacted and interviewees is provided in Table 2-2.

2.4 VISUAL INSPECTIONS

During the site visit, visual inspections were conducted throughout the facility and at adjacent properties. The purpose was to confirm findings reported in previous studies and information collected through interviews, as well as to identify new areas of concern. The visual inspection consisted of automobile drive-through and walk-through surveys of areas in which CERCLA-regulated and non-regulated substances may be stored, released, or disposed. During the visual inspection, contamination sources were noted and leaks, spills, and other evidence of releases were observed and quantified; no samples were collected.

2.4.1 Inspection of Coosa River Storage Annex

Evidence was gathered regarding current or past contamination with the following substances:

Asbestos-containing materials: The presence of asbestos-containing material is addressed in the Enhanced PA and the Environmental Investigation Report. All asbestos-containing buildings have been identified and confirmed through an asbestos survey. Those buildings were observed during the site survey.

Lead-based paint: No records addressing lead-based paint were available. An inventory of all buildings present at Coosa River Storage Annex along with the date of construction was obtained. It was then assumed that any structure constructed prior to 1978 contained lead-based paint.

Polychlorinated biphenyl: According to information from Alabama Power Company documents and personnel, only one transformer (which contained no PCB material) has ever been installed at the site; therefore, no PCB storage or usage has ever been identified for Coosa River Storage Annex.

TABLE 2-2
LIST OF PERSONNEL INTERVIEWED, COOSA RIVER STORAGE ANNEX, ALABAMA

Reference	Name/Phone	Location	Dates of Employment	Job Position
a	Leslie Ware (205) 235-6350	Anniston Army Depot, Risk Management Division	1988 - present	Environmental Engineer
b	Gerald Brooks (205) 235-6101	Anniston Army Depot, Equipment Operations Branch	1984 - present	Depot Pest Control 1984-1992
c	Frank Burford (205) 235-4838	Anniston Army Depot, Planning Resources Branch	1965 - present	Chief, Planning Resources Branch
d	Winifred Casey (205) 235-6234	Anniston Army Depot, Facilities Engineering Division	1968 - present	Electrical Division Supervisor
e	C.H. Cox (205) 260-2783	Alabama Department of Environmental Management, Special Projects Division	1991 - present	Project Manager - Coosa River Storage Annex
f	Jim Barksdale (404) 347-3016	U.S. Environmental Protection Agency, Region IV, Federal Facilities Branch	Interviewee declined to provide information	
g	Lt. Colonel Cooper (205) 745-0090	U.S. Army National Guard, 111TH Ordnance Group, Ammunition Group Headquarters	April 19, 1974-present	Administrative Officer
h	Pat Denenny (205) 271-7727	Alabama Department of Environmental Management, Land Division	1992 - present	Clerk Typist II

Radon: As part of the Environmental Investigation, a radon survey was conducted on 14 of the storage igloos. The survey identified the presence of radon above the EPA's action level of 4.0 picoCuries per liter (pCi/L) in 10 of the 14 igloos sampled.

Unexploded ordnance: According to all available information, no ordnance firing occurred at Coosa River Storage Annex.

Radionuclides: Installation personnel were interviewed and installation files searched to obtain data on radioactive material storage and use. In addition, the U.S. Army Environmental Hygiene Agency Health Physics Division provided the contractor with information obtained from installation files and U.S. Army Environmental Hygiene Agency archival report files. This information included Nuclear Regulatory Commission licenses and Department of the Army Radioactive Material Authorizations, and U.S. Army Environmental Hygiene Agency reports on radioactive material decommissioning.

Petroleum release or disposal: No evidence of discoloration or spills were noted during the CERFA site survey. Areas of releases were identified in the Environmental Investigation Report.

Petroleum storage: No storage of petroleum was observed during the CERFA site survey. The Enhanced PA initially identified three underground storage tanks at Coosa River Storage Annex, whereas the Preliminary Investigation and Secondary Site Assessment addressed the removal of the gasoline-containing underground storage tank. The excavation location of the underground storage tanks was observed during the CERFA site survey; although disturbed ground surfaces were present, no stressed vegetation was noted.

Hazardous substance release or disposal: No evidence of discoloration or spills were noted during the CERFA site survey. The release of hazardous substances is addressed in the Enhanced PA and in the Environmental Investigation Report.

Hazardous substance storage: No hazardous substances were present at the time of the CERFA site survey. The history of storage of such substances is addressed in the Enhanced PA.

2.4.2 Inspection of the Adjacent Property

A visual inspection of the adjacent property was conducted. Prior to the site visit, a data base search was performed for the area adjacent to Coosa River Storage Annex within a 2.75-mile radius to identify small- and large-quantity waste generators, underground storage tanks. Both Federal and State data bases were searched (see part 2.2 of this report). Information obtained from the search was verified through visual inspections. Possible areas of environmental concern were visually inspected to determine their potential for contamination.

2.5 TITLE DOCUMENTS

TETC conducted a review of tract maps and transfer documents to identify the former property owners of BRAC property at the time of its transfer to the Army. The purpose of this review

was to determine the property's prior use and environmental condition at the time of its transfer. This review did not result in additional information. Previous ownership and the dates of transfer to the Army are indicated on Figure 5-2.

2.6 NEWSPAPER ARTICLES AND MEDICAL RECORDS

A thorough search of Coosa River Storage Annex records was conducted at several locations, including ANAD (where the files are now stored); the local library; and regulatory agencies. This search did not reveal any newspaper articles or medical records that are relevant to CERFA requirements.

3.0 PROPERTY BACKGROUND INFORMATION

This section presents an overview of past and current operations at Coosa River Storage Annex and a discussion of environmental changes associated with the facility. It addresses activities relevant to waste management practices and significant environmental incidents that occurred since the Enhanced PA was conducted.

3.1 GENERAL BACKGROUND

Coosa River Storage Annex was constructed in 1941 as part of the Coosa River Ordnance Plant (CROP), which was operated by the Brecon Loading Company from 1943 to 1947. Bagged explosives were brought in by rail from the Alabama Army Ammunition Plant (ALAAP) in Childersburg, Alabama. The explosives were stored or loaded into propelling charge containers. The powdered nitroaromatics included nitrocellulose, trinitrotoluene, dinitrotoluene, and tetryl.

Coosa River Storage Annex covers an area of approximately 2,852 acres and is predominately surrounded by rural area. Munitions are stored on approximately 1,125 acres in 136 storage igloos. The remaining 1,727 acres are a buffer zone that surrounds the eastern, western, and northern sides of the storage area. The land was purchased by the U.S. Government between 1941 and 1943 from several private owners. Two private cemeteries were included in the property: the south cemetery, which is no longer in use; and the north cemetery, adjacent to the former Providence Baptist Church, which has not been used for burial for more than 20 years.

Following World War II, CROP and ALAAP were deactivated. In October 1946, the northern half of CROP, which contained Coosa River Storage Annex, was transferred to ANAD. In 1947, the southern half of CROP, which contained all the ordnance assembly operations and maintenance activities, was sold to the Coosa Valley Development Corporation. Since then, the 136 concrete storage igloos at Coosa River Storage Annex have been used by ANAD for the storage of munitions and inert munitions containers and components. In 1985, the Alabama National Guard entered into a 5-year agreement to use Coosa River Storage Annex for materials-handling exercises.

3.1.1 Past Activities

During World War II, it is likely that bagged explosives and propelling charge containers were stored in the 136 igloos. No liquid propellants, chemical weapons, bulk containers of explosives or liquids, or radiological materials are believed to have ever been stored at Coosa River Storage Annex. Following deactivation of CROP, during the period 1947 to 1982, the igloos were used as overflow storage space for many types of explosive, propellant, and projectile containers as well as for inert parts, such as bomb fins, wooden boxes, and empty cartridges. In 1982, the storage of all types of explosives was discontinued. Each igloo was inspected to ensure that all materials were removed. Sixty-eight igloos were again used as storage for inert parts. This continued until as recently as 1992.

Explosives and propellants were transferred at the five railcar loading ramps located along the side of the railroad. There are no records of spills or accidents in these areas or records of explosives burning or waste disposal at Coosa River Storage Annex. Activities at the loading ramps ceased in the early 1960s.

3.1.2 Current Activities

Coosa River Storage Annex, a satellite subinstallation of ANAD, currently has limited military use. ANAD ceased using Coosa River Storage Annex for storage following announcement of the installation closure. No staff is located on Coosa River Storage Annex during the week. Caretaking personnel work out of ANAD. Coosa River Storage Annex has a population of approximately 300 on the weekends for training exercises by the Alabama National Guard. There are no industrial operations conducted in Coosa River Storage Annex.

The Alabama National Guard, 111th Ordnance Group, Ammunition Group Headquarters uses Coosa River Storage Annex for weekend training exercises involving ammunition explosives. No hazardous or chemical agents are used in the exercises. The National Guard contracts for the removal of all solid waste generated during the exercises. At present, the only facilities used on the site are the igloos; 68 of the 136 igloos are used to store inert munitions. Tents are erected to house personnel, and none of the buildings on site are used.

The Alabama National Guard also conducts an annual two-week exercise at Coosa River Storage Annex. During this period the three on-site buildings are used. No hazardous substances are present on-site.

3.2 Environmental Changes at Coosa River Storage Annex

Because Coosa River Storage Annex is inactive no changes have occurred to the real property's environmental condition since the Enhanced PA investigation in 1989. Although ANAD was using the igloos for storage at the time the Enhanced PA was conducted, this did not change the environmental condition of the site because the stored materials were inert and no incidents of release occurred.

4.0 INVESTIGATION RESULTS

This section describes the results of the CERFA investigation. The first part describes all areas within the BRAC property that have been addressed in reports prior to the CERFA investigation, and the second part describes all areas within the BRAC property that have not been addressed in previous reports. The third part identifies adjacent properties that may be potential sources of contamination. The fourth part describes areas containing items not regulated by CERCLA, and the fifth part describes areas where remediation has occurred. Part six describes real property within the BRAC property that will be retained by the Army.

4.1 PREVIOUSLY IDENTIFIED AREAS REQUIRING ENVIRONMENTAL EVALUATION

This part describes both existing areas requiring environmental evaluations and those that have undergone change.

4.1.1 Existing Areas Requiring Environmental Evaluations

Table 4-1 lists all areas within BRAC property addressed in the Enhanced PA and Environmental Investigation, prior to the CERFA evaluation. These areas requiring environmental evaluation were identified in the Enhanced PA and/or the Environmental Investigation Report for Coosa River Storage Annex. The Enhanced PA identified areas of potential concern through document review and a site visit. The Environmental Investigation Report identified the nature and extent of contamination through sampling and analysis. The risk column on Table 4-1 indicates the areas that present a health risk based on the Risk Assessment conducted during the Environmental Investigation. Below is a brief description of each area requiring environmental evaluation.

Railcar Loading Ramps. The Enhanced PA identified two covered loading ramp areas while the Environmental Investigation Report identified five loading ramps (two covered and three uncovered). Activities at most of the ramps ceased in the early 1960s. No other information was available pertaining to the activities previously conducted at the ramps. Since Coosa River Storage Annex reportedly never stored liquid propellants or bulk containers of explosives, the potential for a significant uncontained release is minimal. During the Environmental Investigation, soil sampling and analysis were conducted at all five loading ramp areas. The following is a brief description of each loading ramp and the results of the analysis of the soil samples as reported in the Environmental Investigation Report.

- **Loading Ramp 3404.** Loading Ramp 3404, located on road M-24, is a metal-roofed concrete platform with no distinguishing features. The four composite soil samples collected during the Environmental Investigation showed above background levels of lead.

TABLE 4-1
PREVIOUSLY IDENTIFIED AREAS REQUIRING ENVIRONMENTAL EVALUATION IN BRAC PROPERTY, COOSA RIVER STORAGE ANNEX, ALABAMA

Name	Coordinate Location (x,y) Figure 5-1	Parcel Number	Source of Information		Baseline Risk Assessment (1992) (Noncarcinogenic: Hazard Index ≥ 1 or Carcinogenic Risk > 1E-04)
			Enhanced Preliminary Assessment (1989)	Environmental Investigation (1992)	
Loading Ramp 3404	(46,8)	107D		✓	No
Loading Ramp 3405	(47,13)	76D	✓	✓	Yes
Loading Ramp 3406	(39,19)	40D		✓	No
Loading Ramp 3407	(29,14)	52D		✓	No
Loading Ramp 3408	(29,10)	91D	✓	✓	No
Debris Pile	(29,10)	91D	✓	✓	No
Storage Igloo 1702	(27,9)	98D	✓	✓	Yes
Storage Igloo 1805	(30,16)	52D	✓	✓	Yes
Storage Igloo 2101	(35,5)	116D	✓	✓	Yes
Storage Igloo 2108	(36,20)	33D	✓	✓	Yes
Storage Igloo 2304	(39,11)	86D	✓	✓	Yes
Storage Igloo 3405	(47,13)	76D	✓	✓	Yes
Remainder of Storage Igloos	Multiple	Multiple	✓	✓	No
Pond 1	(27,23)	--	✓	✓	No
Pond 2	(36,18)	--	✓	✓	No
Pond 3	(57,20)	--	✓	✓	No
Pond 4	(57,3)	--	✓	✓	No
Ground Disturbance 1	(21,24)	14D	✓	✓	No
Ground Disturbance 2	(23,6)	104D	✓	✓	No
Ground Disturbance 3	(26,25)	1P	✓	✓	No
Ground Disturbance 4	(24,17)	49D	✓	✓	No
Ground Disturbance 5	(24,15)	61D	✓	✓	No
Ground Disturbance 6	(23,6)	104D	✓	✓	No
Ground Disturbance 7	(23,6)	104D	✓	✓	No
Ground Disturbance 8	(28,19)	37D	✓	✓	No
Ground Disturbance 9	(29,14)	52D	✓	✓	No

TABLE 4-1
PREVIOUSLY IDENTIFIED AREAS REQUIRING ENVIRONMENTAL EVALUATION IN BRAC PROPERTY, COOSA RIVER STORAGE ANNEX, ALABAMA

Continued

Name	Coordinate Location (x,y) Figure 5-1	Parcel Number	Source of Information		Baseline Risk Assessment (1992) (Noncarcinogenic: Hazard Index ≥ 1 or Carcinogenic Risk > 1E-04)
			Enhanced Preliminary Assessment (1989)	Environmental Investigation (1992)	
Ground Disturbance 10	(34,14)	68P	✓	✓	No
Ground Disturbance 11	(36,11)	1P	✓	✓	No
Ground Disturbance 12	(41,18)	1P	✓	✓	No
Ground Disturbance 13	(42,13)	70D	✓	✓	No
Ground Disturbance 14	(45,22)	1P	✓	✓	No
Ground Disturbance 15	(45,11)	80D	✓	✓	No
Ground Disturbance 16	(49,23)	1P	✓	✓	No
Ground Disturbance 17	(49,22)	1P	✓	✓	No
Ground Disturbance 18	(48,13)	76D	✓	✓	No
Ground Disturbance 19	(52,14)	1P	✓	✓	No
Ground Disturbance 20	(58,29)	1P	✓	✓	No
Ground Disturbance 21	(57,11)	1P	✓	✓	No
Streams	Multiple	Multiple		✓	No
Underground Storage Tanks	Multiple	Multiple	✓	✓	No
Asbestos	Multiple	Multiple	✓	✓	No

Key: Yes = Human health carcinogenic or noncarcinogenic risk were found to exist above 1E-04 and 1, respectively.
No = Human health carcinogenic or noncarcinogenic risk not found to exist above 1E-04 and 1, respectively.

Note: Figure 5-1 is located at the end of Section 5.

- **Loading Ramp 3405.** The Enhanced PA identified this loading ramp as 3403; however, the Environmental Investigation Report, the 1942 War Department map, and the 1984 U.S. Army Corps of Engineers map identified it as 3405. Loading Ramp 3405, located on road M-24, is a metal-roofed concrete platform. A metal structure located at the platform has been tentatively identified as a furnace or ash collection vessel of some kind, though the presence of wooden rollers within the unit appears to indicate that it was not a furnace. A large vertical aboveground tank, most likely containing water that was surrounded by standing liquid, was also observed in a 1949 aerial photograph. The tank was reportedly removed prior to 1954. In 1990, the ramp was still being used for loading exercises. The two composite soil samples collected during the Environmental Investigation showed concentrations of lead, mercury, nitrocellulose, and 2,4-dinitrotoluene above their respective background ranges.

- **Loading Ramp 3406.** Loading Ramp 3406, located on the north end of road M-10, is an unroofed concrete platform. The single composite soil sample collected during the Environmental Investigation showed above background levels of lead.

- **Loading Ramp 3407.** Loading Ramp 3407, located on road M-7, is an unroofed concrete platform. The single composite soil sample collected during the Environmental Investigation showed above background levels of lead.

- **Loading Ramp 3408.** Loading Ramp 3408, located between roads M-6 and M-7 on the southern end of Coosa River Storage Annex, is an unroofed concrete platform. Gravel had been stockpiled along the western side of the loading dock according to the Environmental Investigation Report. The single composite soil sample collected during the Environmental Investigation showed above background concentrations of lead and mercury.

Debris Pile. The debris pile located next to Loading Ramp 3408 consisted of empty wooden packing crates, empty wooden ammunition boxes, wooden pallets, empty mortar shell casings, and general paper waste. Burning at the site could release explosives and other contaminants to the soil and, potentially, the groundwater. During the Environmental Investigation, four surface soil grab samples were collected on the north side of the pile and two samples were collected from the soil beneath the debris pile. lead, mercury, and methylbenzene concentrations exceeded their respective background concentrations.

136 Ammunition Storage Igloos. Most of the 136 igloos were clean, dry, and free of floor cracks. Red stains were observed in 2 igloos, and stained soil was seen outside another igloo during the Enhanced PA. The igloos are not believed to have stored bulk containers of explosives or liquids. During the Environmental Investigation, wipe samples of interior surfaces were collected in 134 igloos (Igloos 1901 and 3101 were not tested due to lack of access). Nitrocellulose was detected in all the wipe samples. Various nitroaromatics/explosives (i.e., 2,4-6-trinitrotoluene, nitrobenzene, and 1,3,5-trinitrobenzene) were detected in numerous igloos. TPHs were detected in all six igloos (Numbers 1910, 2007, 2904, 3108, 3301, and 3302) for which it was sampled and analyzed.

Surface soil samples were collected from the areas around the entrances to the igloos. Lead was detected above background levels in soil samples at 133 of the 135 igloos (no lead result is available for the soil sample for Igloo 2901); mercury was detected in soil samples above background levels at 55 of the 136 igloos; and nitrocellulose was detected in soil samples above background levels in 5 of 136 igloos. Above background levels of 2,4-dinitrotoluene and 2,6-dinitrotoluene were detected in samples from 2 and 1 igloos, respectively.

Excavated Ponds. Four ponds were identified in the Enhanced PA. The results of subsequent investigation of the ponds are presented in the Environmental Investigation Report. The purpose of the ponds is unknown. It has been proposed that they were related to development of the property to accommodate cattle grazing leases, or that they may have been to control surface water runoff. Surface water and sediment samples were collected during the Environmental Investigation at all the excavated ponds. Distinguishing features and sampling activities for each excavated pond, as reported in the Environmental Investigation Report, are presented below.

- **Pond 1.** This man-made pond measures approximately 200 × 150 × 5 feet. Evidence of previous grading activities was observed. The pond is classified as a palustrine system with open water (unknown bottom) that is permanently flooded. The surface water sample displayed above background concentrations of nitrocellulose. The sediment sample displayed a detectable concentration of lead and nitrocellulose, both at levels below background concentrations.

- **Pond 2.** This pond is man-made. It is classified as a palustrine system with open water (unknown bottom) that is permanently flooded. The surface water sample displayed above background concentrations of nitrocellulose. The sediment sample displayed below background concentrations of lead.

- **Pond 3.** This pond is man-made. It is classified as a palustrine system with open water (unknown bottom) that is permanently flooded. The surface water sample displayed above background concentrations of nitrocellulose. The sediment sample displayed below background concentrations of lead and nitrocellulose.

- **Pond 4.** During the field investigation, this pond was observed to be a low-lying area in which water accumulates due to the presence of a beaver dam. There was no evidence of excavation activities having ever occurred. The pond is classified as a palustrine system with open water (unknown bottom) that is permanently flooded. The surface water sample displayed above background concentrations of nitrocellulose. The sediment sample displayed below background concentrations of lead and nitrocellulose.

Ground Disturbances. The Enhanced PA identified 21 ground disturbances through an aerial photographic analysis. According to the Environmental Investigation Report, the majority of the ground-disturbed areas appeared to be old borrow pits that either provided earthen cover for the igloos or provided fill to build roads. According to all available data, the ground disturbances do not appear to have been associated with burning or burial activities. During the

Environmental Investigation, soil sampling was conducted at all the ground disturbances. Distinguishing features and sampling activities for each ground disturbance, as reported in the Environmental Investigation Report, are presented below.

- **Ground Disturbance 1.** The disturbance was a circular berm approximately 50 feet in diameter that may contain water; the possible use or cause of disturbance was unknown. The area consists of hummocky ground. The soil sample contained concentrations of lead and nitrocellulose above background levels.

- **Ground Disturbance 2.** The disturbance measured approximately 200 × 150 feet. The northern portion of the area is an old turnabout located northwest of Igloo 1501. The southern portion is located west of Igloo 1501 and was forested. The cause of disturbance may have been grading activities. The soil sample contained concentrations of mercury that exceeded background levels.

- **Ground Disturbance 3.** The disturbance measured approximately 75 square feet. It had a berm on the north side and was well vegetated. The area may have been used as a borrow area. The soil sample displayed no concentrations of any substance above background levels.

- **Ground Disturbance 4.** The disturbance measured approximately 150 × 100 feet; the possible use or cause of the disturbance was unknown. A slight lack of vegetation was reported. The soil sample displayed no concentrations of any substance above background levels.

- **Ground Disturbance 5.** The disturbance measured approximately 150 × 100 feet. There was a lack of vegetation with some areas of exposed soil. The area may have been used as a borrow area. The soil sample displayed concentrations of lead that exceeded background levels.

- **Ground Disturbance 6.** The disturbance was crescent shaped and measured approximately 150 × 50 feet. No distinguishing features were reported, and the possible use or cause of the disturbance is unknown. The soil sample contained no concentrations of lead and nitrocellulose that exceeded background levels.

- **Ground Disturbance 7.** The disturbance measured approximately 300 × 600 feet; it may have been caused by past grading activities. The large grassy area contained no trees. The two composite soil samples displayed concentrations of lead and mercury that exceeded background levels.

- **Ground Disturbance 8.** The disturbance measured approximately 50 × 100 feet; the possible use or cause of the disturbance was unknown. There was little vegetation on this sloped area. The soil sample displayed concentrations of mercury that exceeded background levels.

- **Ground Disturbance 9.** The disturbance measured approximately 200 × 100 feet; it may have been used as a borrow area. There were few trees with some areas of exposed soil. The soil sample displayed concentrations of mercury that exceeded background levels.

- **Ground Disturbance 10.** The disturbance measured approximately 200 × 80 feet; it may have been used as a borrow area. There were berms present and some exposed soil. The soil sample displayed no concentrations of any substance above background levels.

- **Ground Disturbance 11.** The disturbance measured approximately 120 × 80 feet; it may have been used as a borrow area. Small berms were present. The soil sample displayed no concentrations of any substance above background levels.

- **Ground Disturbance 12.** The disturbance measured approximately 250 square feet; it may have been caused by grading activities. There was little evidence of the disturbed soil. Small berms were present in the southeast corner and a low-lying marsh was present south of the area. The two soil samples displayed no concentrations of any substance that exceeded background levels.

- **Ground Disturbance 13.** The disturbance was circular with a diameter of approximately 200 feet; it may have been caused by past grading activities. The area had old dirt roads crossing it. The soil samples displayed concentrations of mercury that exceeded background levels.

- **Ground Disturbance 14.** The circular disturbance had a diameter of approximately 200 feet; it may have been used as a borrow area. There was little vegetation and exposed earth. The two soil samples displayed no concentrations of any substance that exceeded background levels.

- **Ground Disturbance 15.** The circular disturbance had a diameter of approximately 150 feet; it may have been used as a borrow area. Exposed earth was present along with a gully to dirt road. The two soil samples contained concentrations of lead and mercury that exceeded background levels.

- **Ground Disturbance 16.** The disturbance measured approximately 75 × 150 feet; it may have been caused by past grading activities. The distinguishing features of the disturbance were unknown and the disturbance was not located where reported. The soil sample displayed no concentrations of any substance that exceeded background levels.

- **Ground Disturbance 17.** The disturbance measured approximately 75 × 150 feet and consists of exposed earth. It may have been used as a borrow area. Previously mounded material may have been present. The soil sample displayed no concentrations of any substance that exceeded background levels.

- ★ **Ground Disturbance 18.** The disturbance measured approximately 100 × 200 feet; it may have been caused by loading ramp activity. There were no trees present and a berm was located along the western border of the area. The soil sample displayed no concentrations of any substance that exceeded background levels.

- ★ **Ground Disturbance 19.** The disturbance measured approximately 100 × 20 feet and no distinguishing features were given. It may have been used as a borrow area. The soil sample displayed no concentrations of any substance that exceeded background levels.

- ★ **Ground Disturbance 20.** The circular disturbance has a diameter of approximately 150 feet; it may have been used as a borrow area. A drainage ditch was present at the south end of the area and there was a lack of vegetation. The soil sample displayed no concentrations of any substance that exceeded background levels.

- ★ **Ground Disturbance 21.** The circular disturbance has a diameter of approximately 100 feet; it may have been caused by past grading activities. The area lacked trees and cut tree stumps were present. The soil sample displayed no concentrations of any substance that exceeded background levels.

Streams. Three small intermittent streams drain the southern and eastern portions of Coosa River Storage Annex. These streams flow in drainage ditches from east to west near many of the igloos as reported in the Environmental Investigation Report. No documented spills or waste disposal occurred in the streams. During the Environmental Investigation, surface water and sediment samples were collected from six on-site stream locations and from two downstream locations immediately offsite. Only one on-site surface water sample, from Stream Station 5, displayed a detectable concentration of lead, although the concentration was not markedly above the background concentration. All of the sediment samples displayed below background concentrations of lead.

Underground Storage Tanks. Three underground storage tanks, one containing gasoline and two containing liquid petroleum gas were believed to have been installed in the 1940s. A septic tank, which had received sanitary sewage from Building S-1, was abandoned in 1987 when the new bathhouse was built.

Asbestos. An asbestos survey, performed in 1989, established that the siding of Building S-2 and the floor tile in Building S-3 contained nonfriable (i.e., intact or nonpowdery) asbestos.

4.1.2 Existing Areas Requiring Environmental Evaluations That Have Expanded in Size

No areas requiring environmental evaluation were identified as having changed in size.

4.2 Additional Areas Identified by the CERFA Investigation

A number of new areas were identified through the on-site inspections, personnel interviews, and record searches that occurred as part of the CERFA investigation. These environmental concerns were not identified in the Enhanced PA and were not investigated during any investigation activities that have been conducted at the installation.

- ★ **Radon.** Radon was detected above action levels (see Section 2.4.1) in 10 of the 14 storage igloos sampled. It is thus presumed that radon gas is present in all 136 storage igloos.

- ★ **Aboveground Tanks.** The Environmental Investigation identified 2 propane tanks that had been removed from the site. During the CERFA investigation, two 500-gallon propane tanks were present at Buildings S-1 and S-2.

- ★ **Lead-based Paint.** Buildings S-1, S-2, S-3, and S-4 were constructed in 1943 and are assumed to contain lead-based paint. Building S-3 is scheduled for demolition.

4.3 Adjacent and Surrounding Properties

Coosa River Storage Annex is adjacent to light industrial area to the south, and a sanitary landfill is adjacent to part of Coosa River Storage Annex's west boundary; the rest of the site is bordered by forest and farmland.

4.3.1 Existing or Potential Pathways of Contamination Migration

Topographic and hydrogeological information for Coosa River Storage Annex (the BRAC property) provided in existing environmental documents was reviewed to assess potential contamination migration pathways onto Coosa River Storage Annex from adjacent properties. This information was used in combination with data on potential contamination sources on adjacent and surrounding property to determine if there were any existing or potential environmental impacts on Coosa River Storage Annex from off-site sources. Contamination source data were obtained through record searches, review of existing environmental reports, personnel interviews, and property site visits. There are surface perennial streams that flow onto the installation from the mountainous area in the north and west. Groundwater flow is from east to west; i.e., from Coosa River Storage Annex toward Talladega County landfill.

4.3.2 Environmental Concerns for Adjacent and Surrounding Properties

The records search of Federal and State data bases (see Section 2.2) provided in Appendix B were followed with field verification and revealed that:

- ★ No National Priority List sites are within a 2.75-mile radius

- ★ No properties within a 2.75-mile radius are currently under CERCLA review.

- ★ No hazardous spill reports were located within the zip code area of the Annex.

- ★ Dixieland Auto Salvage (1700 Inmitz Avenue) is located adjacent to the southern fence boundary of the Annex. The business was small and privately owned.

- ★ Several different types of light industrial businesses are located south of the Annex, in what was formerly the Brecon Loading Company. Some of these businesses are regulated or tracked by the EPA and include the following: SYNA Flex Rubber Products (1223 Cochran Street), Specialties Manufacturing Company (1221 Cochran Street), Tree Farmer Equipment Company, Inc. (King and Cochran), Quality Manufacturing, Inc. (1420 Nimitz Avenue), and OMS 14 (516 Broadway Avenue). Tree Farmer Equipment Company and Quality Manufacturing, Inc., are identified as Resource Conservation and Recovery Act small-quantity generators.

- ★ Within one-half mile of the southern Annex boundary is the Beacon Waste Water Treatment Plant (525 Welch Avenue).

- ★ No leaking underground storage tanks were associated with property adjacent to the Annex.

- ★ The Talladega County Landfill (also known as Brecon Landfill), located on Jackson Trace Road, is on property previously sold by the Army. The landfill was identified as a potential source of groundwater contamination along the western border of the site in the Enhanced PA. Talladega County began operating the sanitary landfill in 1973. The landfill has no remaining capacity. According to the Environmental Investigation Report, the landfill contents included household wastes, lumber, tires, and plastics. In 1989, the county commissioners sold the landfill to Waste Away, Inc., which planned to close the existing unlined landfill and construct a new sanitary landfill. The inspection records of the Alabama Department of Environmental Management indicate that groundwater at the site may be contaminated; however, the information is sparse and inconclusive because most of the monitoring wells at the landfill are consistently dry. More information should be available upon review of the closure plan of Waste Away, Inc.

  A small stream, which flows from the Annex, crosses the northeastern corner of the landfill. The Environmental Investigation Report recommended that no further study was necessary because sufficient information is available to show that groundwater flow occurs from the Annex toward the Brecon Landfill. Therefore, USATHAMA concluded that the Annex is unlikely to be impacted by the landfill and that no further investigation was required.

4.4 RELATED ENVIRONMENTAL, HAZARDS, AND SAFETY ISSUES

Military installations frequently contain issues that the USAEC believes fall outside of the provisions of CERFA. For example, while a release of lead-based paint onto the ground may be a CERCLA concern, the application of lead-based paint to a building surface is generally not. However, lead-based paint applied to buildings may represent a safety hazard to young children. Similarly, other substances or materials commonly applied to or found in buildings (for example, radon and asbestos) may not be explicitly regulated under CERCLA, but may require a notice to potential transferees and lessees that they exist.

USAEC has sought to balance the statutory requirements of CERFA with the law's intent to identify uncontaminated property to the public which can be expeditiously reused. Notice has been provided for those parcels which appear to be uncontaminated under the definition provided in CERFA, but which may contain environmental, hazard, or safety issues. Buildings which contain asbestos-containing materials, lead-based paint, or naturally occurring radon fall into this category and are identified as "CERFA Parcels with Qualifiers" in this CERFA report. Parcels which contain stored (not in use) equipment which contain some level of PCB oil, stored low level radionuclide-containing equipment such as dials and weapon site posts, and unexploded ordnance are also designated "CERFA Parcels with Qualifiers".

In those cases, however, where for example, asbestos or PCBs have been disposed in the environment, the parcel has been identified as "CERFA Disqualified". In this example, the designation indicates that a CERCLA hazard may exist at this location. The following discussion addresses the presence of asbestos-containing material, lead-based paint, PCB storage, radon, unexploded ordnance, and radionuclides.

4.4.1 Asbestos

The asbestos survey of Coosa River Storage Annex established that asbestos was present in two of four buildings (Buildings S-1 and S-3). The siding on Building S-1 is nonfriable and in good condition. The floor tile of Building S-3 contains asbestos that will be removed as part of the demolition activities planned for this heavily vandalized, small sentry post.

4.4.2 Lead-based Paint

There has been no lead-based paint survey of buildings at Coosa River Storage Annex; therefore, no information is currently available. Structures built before 1978 (Buildings S-1, S-2, S-3, and S-4) were assumed to have lead paint.

4.4.3 Polychlorinated Biphenyls

According to the Enhanced PA, the single transformer at Coosa River Storage Annex was installed in 1988 and contains no PCBs. However, during the CERFA site visit, a Transfer and Acceptance of Military Real Property record dated June 23, 1966, showed a 10 KVA transformer was replaced with a 25 KVA transformer. The location of the two transformers is believed to be identical because the building to which power would be supplied is the same.

Because no stressed vegetation was observed during the CERFA investigation and the current transformer contains no PCBs, PCBs are not an environmental issue.

4.4.4 Radon

A radon survey of building was conducted on 14 of the 136 igloos present at Coosa River Storage Annex. Radon was found to be present in all of the igloos, and in 10 of 14 igloos it was found above an acceptable level of 4.0 pCi/L. The Environmental Investigation Report concluded that it was likely that the remaining igloos contained some level of radon.

4.4.5 Unexploded Ordnance

On the basis of all available data, no explosive ordnance firing activity ever occurred at Coosa River Storage Annex.

4.4.6 Radionuclides

On the basis of all available data, no activities involving radioactive materials took place at Coosa River Storage Annex.

4.5 REMEDIATION EFFORTS

The majority of the environmental effort at Coosa River Storage Annex has been spent in investigations to determine degree and extent of possible contamination. The Environmental Investigation Report, which analyzes various remediation alternatives for the contaminated areas of Coosa River Storage Annex was presented in September 1992. The Environmental Investigation provided guidance for remedial action objectives for the following two future land use scenarios:

- ★ ***Commercial/Industrial.*** The remedial objective is to assess the need to limit inhalation exposure to naturally-occurring radon gas in the storage igloos, either through exposure duration limitations or through reduction methods, such as increased ventilation.

- ★ ***Residential.*** The objective of the remedial action is to limit or eliminate contact with shallow subsurface soils.

To date, the only remedial activity at the site has been the removal of underground storage tanks. ANAD removed three underground storage tanks in early 1990. The gasoline tank, was found to have been leaking. Remediation of contamination resulting from the leak was conducted, including soil excavation and groundwater well installation and monitoring.

4.6 CERFA-EXCLUDED PARCELS

CERFA-Excluded parcels consist of those parcels to be retained by the Army or other Department of Defense agency or property that will be transferred to another Federal agency with restrictions, by statute. At present, the Army does not have plans to retain any portion of Coosa River Storage Annex.

5.0 SITE PARCELIZATION

After reviewing investigation documents, regulatory records, personnel interviews, and visual inspections, TETC identified parcels on the installation as CERFA Parcels, CERFA Parcels with Qualifiers, CERFA Disqualified parcels, or CERFA Excluded parcels in accordance with the definitions in Section 1.2. The parcels are delineated on a map of the BRAC portion of the installation using a 1-acre square grid for boundary definition. The Army chose a 1-acre grid system to aid in the presentation of data gathered during the CERFA report investigation, and to facilitate use of the document by reuse groups and others. The 1-acre grid provided a consistent method to report and locate environmental or other concerns. In the many cases where the concerns are much smaller than 1-acre, the grid system simplifies the depiction of the concern. Accordingly, the area' extent of many small areas of concern, such as underground storage tank sites, are liberally depicted in the CERFA report. Additionally, the 1-acre grid size was chosen as a generally redevelopable parcel size for either industrial or residential uses. However, the grid does not drive reuse nor restrict it. Reuse decisions should be made irrespective of the grid. The entire 1-acre grid square is colored or shaded to indicate the applicable parcel category on the basis of the history of storage or release for any portion of that square. Parcels are labelled according to a system outlined in Section 1.2 of this report to indicate the applicable parcel category and the contaminating circumstances. Parcel labels are connected to the respective parcel boundaries by a line or are located within the parcel boundaries.

Where CERFA Disqualified parcels and CERFA Parcels with Qualifiers have coincided, the overlapped area has been designated CERFA Disqualified. Labels for any such overlapped parcels also indicate the presence of the qualifying hazards. CERFA Excluded parcels have been excluded from this investigation of contaminant locations and therefore have no overlap with CERFA Disqualified parcels or CERFA Parcels with Qualifiers. Structures within CERFA Disqualified parcels that contain qualifying safety hazards are designated with the applicable qualifying label, where map scale permits this level of detail.

TETC's investigation and subsequent parcelization of Coosa River Storage Annex determined that approximately 2,582 acres of the facility fall within the CERFA Parcel category. Approximately 4 acres of the facility are categorized as CERFA Parcels with Qualifiers. 266 acres constitute the CERFA Disqualified portion of the installation. The CERFA Parcels are located predominantly in the south central portion of the installation.

In determining the applicable parcel categories for the installation property, TETC observed the following guidelines provided by the USAEC for specific circumstances:

- ★ Buildings constructed prior to 1978 are assumed to contain lead-based paint. A similar assumption is made for asbestos in buildings constructed prior to 1985.

- ★ Storage of petroleum products, petroleum derivatives, and CERCLA-regulated hazardous substances will prevent an area from becoming a CERFA Parcel as

long as that storage is for one year or longer. The quantity of substances stored is not relevant to determining the applicable parcel category. However, if the operation requiring such substances is in the immediate area, and the storage is in limited quantities for immediate use, the area is not precluded from being a CERFA Parcel.

- ★ Nonleaking equipment containing less than 50 parts per million PCBs does not preclude an area from becoming a CERFA Parcel. Nonleaking, out-of-service equipment with greater than 50 parts per million PCBs will place an area in the CERFA Parcel with Qualifier category. An area is designated CERFA Disqualified if there is a known release containing greater than 50 parts per million PCBs.

- ★ Areas where there are transport systems or equipment that handle hazardous substances or petroleum products and on which there has been no release, storage, or disposal of these substances are categorized as CERFA Parcels.

- ★ Ordnance disposal locations are designated CERFA Disqualified. This does not include ordnance impact areas that are designated CERFA Parcels with Qualifiers.

- ★ Routine pesticide and herbicide application in accordance with manufacturer's directions and chlorofluorocarbons and halon in operational systems do not preclude an area from becoming a CERFA Parcel.

- ★ Coal storage piles and railroad tracks do not automatically preclude an area from becoming a CERFA Parcel.

5.1 Parcel Designation Map

Table 5-1 and Figure 5-1 identify the breakdown of the Coosa River Storage Annex property according to the criteria for parcel identification under CERFA. Appendix D contains the detailed data base used to generate Table 5-1 and Figure 5-1.

5.2 Tract Map

The property boundaries and all property transfers including prior ownership information is shown in Figure 5-2.

5.3 Summary CERFA Map

Figure 5-3 summarizes the breakdown of the Coosa River Storage Annex property according to the criteria for parcel identification under CERFA.

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
1P	2562	37,38		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area.		
2D-/A/L/PS	1	54,30	Building S3	Qualified, Asbestos Qualified, Lead Disqualified, Petroleum Storage	Asbestos Containing Material Lead-based paint associated with structure built in 1943 Liquid petroleum gas stored in UST - First used in 1943	6 12 3,6	Removed in 1990
3D-/R(P)/HR	7	51,29	Storage Igloo 2613	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled Release of Lead associated with Storage Igloo 2613	6 6	
		48,28	Storage Igloo 2503	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled Release of Lead, Mercury associated with Storage Igloo 2503	6 6	
		50,27	Storage Igloo 2612	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled Release of Lead, Mercury associated with Storage Igloo 2612	6 6	
4D-/R/HR	6	57,28	Storage Igloo 2910	Qualified, Radon Disqualified, Hazardous Substance Release	Radon gas present at Concentration = 5.40 pCi/L Release of Lead associated with Storage Igloo 2910	6 6	
		55,27	Storage Igloo 2810	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled Release of Lead, Mercury associated with Storage Igloo 2810	6 6	
5D-/R/HR	1	59,28	Storage Igloo 3011	Qualified, Radon Disqualified, Hazardous Substance Release	Radon gas present at Concentration = 5.80 pCi/L Release of Lead associated with Storage Igloo 3011	6 6	
6D-/R(P)/PR/HR	12	33,26	Storage Igloo 1910	Qualified, Radon (P) Disqualified, Petroleum Release Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled Release of Total petroleum hydrocarbons associated with Storage Igloo 1910 Release of Lead associated with Storage Igloo 1910	6 6 6	Release occurred inside of building
		33,25	Storage Igloo 1909	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled ...lease of Lead associated with Storage Igloo 1909	6 6	
		30,23	Storage Igloo 1809	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled Release of Lead associated with Storage Igloo 1809 Release of Trinitrotoluene associated with Storage Igloo 1809	6 6 6	inside of building
		35,23	Storage Igloo 2009	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 igloos sampled	6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
6D-/R(P)/7R/HR	12	35,23	Storage Igloo 2009	Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2009	6	
		28,23	Storage Igloo 1709	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 1709	6	
		32,23	Storage Igloo 1908	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 1908	6	
7D-/R(P)/HR	1	61,27	Storage Igloo 3110	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 3110	6	
8D-/R(P)/HR	1	48,26	Storage Igloo 2502	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead, Mercury associated with Storage Igloo 2502	6	
9D-/R(P)/HR	2	52,26	Storage Igloo 2711	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2711	6	
10P	4	55,26		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area		
11D-/R/HR	9	59,26	Storage Igloo 3010	Qualified, Radon	Radon gas present at Concentration = 11.85 pCi/L	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 3010	6	
		56,25	Storage Igloo 2909	Qualified, Radon	Radon gas present at Concentration = 8.20 pCi/L	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2909	6	
		54,25	Storage Igloo 2809	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2809	6	
		58,24	Storage Igloo 3009	Qualified, Radon	Radon gas present at Concentration = 5.60 pCi/L	6	
				Disqualified, Hazardous Substance Release	Release of Lead, Mercury associated with Storage Igloo 3009	6	
12D-/R(P)/HR	2	29,25	Storage Igloo 1710	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 1710	6	
13D-/R(P)/HR	.	35,25	Storage Igloo 2010	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
				Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2010	6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
14D-/HR	2	21,24	Ground Disturbance 1	Disqualified, Hazardous Substance Release	Release of Lead, Nitrocellulose associated with Ground Disturbance 1	6	
15D-/R(P)/HR	2	26,24	Storage Igloo 1609	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1609 Release of Trinitrotoluene associated with Storage Igloo 1609	6 6 6	inside of building
16D-/R(P)/HR	1	48,24	Storage Igloo 2501	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Mercury associated with Storage Igloo 2501	6 6	
17D-/R(P)/HR	2	52,24	Storage Igloo 2710	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2710	6 6	
18D-/R(P)/HR	3	24,23 24,21	Storage Igloo 1509 Storage Igloo 1508	Qualified, Radon (P) Disqualified, Hazardous Substance Release Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1509 Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1508	6 6 6 6	
19Q-/R(P)	1	41,23	Storage Igloo 2310	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
20D-/R(P)/HR	1	50,23	Storage Igloo 2610	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2610	6 6	
21D-/R(P)/HR	1	54,23	Storage Igloo 2808	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2808	6 6	
22D-/HR	1	56,23	Storage Igloo 2908	Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2908	6	
23D-/R(P)/PR/HR	2	60,23	Storage Igloo 3108	Qualified, Radon (P) Disqualified, Petroleum Release Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Total petroleum hydrocarbons associated with Storage Igloo 3108 Release of Lead associated with Storage Igloo 3108	6 6 6	Release occurred inside of building

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
24D-/HR	1	58,22	Storage Igloo 3008	Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 3008	6	
25D-/R(P)/HR	1	28,21	Storage Igloo 1708	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1708 Release of Trinitrotoluene associated with Storage Igloo 1708	6 6 6	inside of building
26D-/R(P)/HR	2	30,21	Storage Igloo 1808	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1808	6 6	
27D-/R(P)/HR	2	34,21	Storage Igloo 2008	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2008	6 6	
28D-/R(P)/HR	2	50,21	Storage Igloo 2609	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2609	6 6	
29D-/R(P)/HR	6	54,20 54,19	Storage Igloo 2807 Storage Igloo 2806	Qualified, Radon (P) Disqualified, Hazardous Substance Release Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2807 Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2806	6 6 6 6	
30D-/R(P)/HR	1	60,21	Storage Igloo 3107	Qualified, Radon (P) Disqualified, Hazardous Subsance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 3107	6 6	
31D-/R(P)/PR/HR	1	26,20	Storage Igloo 1607	Qualified, Radon (P) Disqualified, Petroleum Release Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Total petroleum hydrocarbons associated with Storage Igloo 1607 Release of Lead, Mercury associated with Storage Igloo 1607	6 6 6	
32D-/R(P)/HR	3	32,20 32,18	Storage Igloo 1907 Storage Igloo 1906	Qualified, Radon (P) Disqualified, Hazardous Substance Release Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1907 Release of Trinitrotoluene associated with Storage Igloo 1907 Radon gas possible based on concentration range of 1.0 to 12.7	6 6 6 6	inside of building

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
32D-/R(P)/HR	3	32,18	Storage Igloo 1906	Disqualified, Hazardous Substance Release	pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1906	6	
33D-/R(P)/HR	1	36,20	Storage Igloo 2108	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury, Dinitrotoluene associated with Storage Igloo 2108	6 6	
34D-/R(P)/HR	2	52,20	Storage Igloo 2708	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2708	6 6	
35D-/R/HR	1	58,20	Storage Igloo 3007	Qualified, Radon Disqualified, Hazardous Substance Release	Radon gas present at Concentration = 8.90 pCi/L Release of Lead associated with Storage Igloo 3007	6 6	
36D-/R(P)/HR	1	24,19	Storage Igloo 1507	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1507	6 6	
37D-/R(P)/HR	1	28,19	Ground Disturbance 8 Storage Igloo 1707	Disqualified, Hazardous Substance Release Qualified, Radon (P) Disqualified, Hazardous Substance Release	Release of Mercury associated with Ground Disturbance 8 Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1707	6 6 6	
38D-/R(P)/HR	1	30,19	Storage Igloo 1807	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1807	6 6	
39D-/R(P)/PR/HR	1	34,19	Storage Igloo 2007	Qualified, Radon (P) Disqualified, Petroleum Release Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Total petroleum hydrocarbons associated with Storage Igloo 2007 Release of Lead, Nitrocellulose associated with Storage Igloo 2007	6 6 6	Release occurred inside of building
40D-/R(P)/HR	4	41,19 39,19	Storage Igloo 2308 Railcar Loading Ramp 3406	Qualified, Radon (P) Disqualified, Hazardous Substance Release Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2308 Release of Lead associated with Railcar Loading Ramp 3406	6 6 6	
41D-/R(P)/HR	2	49,19	Storage Igloo 2608	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
41D-/R(P)/HR	2	49,19	Storage Igloo 2608	Disqualified, Hazardous Substance Release	Release of Lead, Mercury associated with Storage Igloo 2608	6	
42P	3	51,19		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area.		
43D-/HR	1	56,19	Storage Igloo 2906	Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2906	6	
44D-/R(P)/HR	1	60,19	Storage Igloo 3106	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12 7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 3106	6 6	
45D-/R(P)/HR	2	26,18	Storage Igloo 1606	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12 7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1606	6 6	
46D-/R(P)/HR	1	42,18	Storage Igloo 2407	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12 7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2407	6 6	
47D-/R(P)/HR	3	51,17	Storage Igloo 2707	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12 7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2707	6 6	
48D-/R/HR	1	58,18	Storage Igloo 3006	Qualified, Radon Disqualified, Hazardous Substance Release	Radon gas present at Concentration = 7 60 pCi/L Release of Lead associated with Storage Igloo 3006	6 6	
49D-/R(P)/HR	2	23,17	Storage Igloo 1506	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1 0 to 12 7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1506	6 6	
50P	2	25,17		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area		
51D-/R(P)/HR	2	28,17	Storage Igloo 1706	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1 0 to 12 7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1706	6 6	
52D-/R(P)/HR	18	30,17	Storage Igloo 1806	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1 0 to 12 7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1806	6 6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
52D-/R(P)/HR	18	30,16	Storage Igloo 1805	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1805	6 6	
		27,15	Storage Igloo 1705	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1705	6 6	
		27,14	Ground Disturbance 9	Disqualified, Hazardous Substance Release	Release of Mercury associated with Ground Disturbance 9	6	
		29,14	Storage Igloo 1804	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1804	6 6	
		32,14	Railcar Loading Ramp 3407	Disqualified, Hazardous Substance Release	Release of Lead associated with Railcar Loading Ramp 3407	6	
		33,13	Storage Igloo 2004	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2004	6 6	
		27,13	Storage Igloo 1704	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1704	6 6	
		31,12	Storage Igloo 1904	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1904	6 6	
53D-/R(P)/HR	1	34,17	Storage Igloo 2006	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2006	6 6	
54D-/R(P)/HR	2	40,17	Storage Igloo 2307	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2307	6 6	
55D-/R/HR	2	55,17	Storage Igloo 2905	Qualified, Radon Disqualified, Hazardous Substance Release	Radon gas present at Concentration = 6.70 pCi/L Release of Lead associated with Storage Igloo 2905	6 6	
56D-/R(P)/HR	2	25,16	Storage Igloo 1605	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1605	6 6	
57P	2	27,16		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area		

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
58D-/R(P)/HR	2	38,16	Storage Igloo 2206	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2206	6 6	
		38,15	Storage Igloo 2205	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2205	6 6	
59D-/R(P)/HR	1	42,16	Storage Igloo 2406	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2406	6 6	
60D-/R/HR	2	57,16	Storage Igloo 3005	Qualified, Radon Disqualified, Hazardous Substance Release	Radon gas present at Concentration = 5 70 pCi/L Release of Lead associated with Storage Igloo 3005	6 6	
61D-/R(P)/HR	2	23,15	Storage Igloo 1505	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1505	6 6	
		24,15	Ground Disturbance 5	Disqualified, Hazardous Substance Release	Release of Lead associated with Ground Disturbance 5	6	
62P	1	29,15		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area.		
63D-/R(P)/HR	2	34,15	Storage Igloo 2005	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2005	6 6	
64D-/R(P)/HR	1	49,15	Storage Igloo 2606	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2606	6 6	
65D-/R(P)/HR	4	53,14	Storage Igloo 2804	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2804	6 6	
		53,12	Storage Igloo 2803	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2803	6 6	
66D-/R(P)/PR/HR	1	55,15	Storage Igloo 2904	Qualified, Radon (P) Disqualified, Petroleum Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Total petroleum hydrocarbons associated with Storage	6 6	Release occurred inside of building

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
66D-/R(P)/PR/HR	1	55,15	Storage Igloo 2904	Disqualified, Hazardous Substance Release	Igloo 2904 Release of Lead, Mercury associated with Storage Igloo 2904	6	
67D-/R(P)/HR	1	25,14	Storage Igloo 1604	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1604	6 6	
68P	2	33,14		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area.		
69D-/R(P)/HR	2	36,14	Storage Igloo 2105	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2105	6 6	
70D-/R(P)/HR	4	42,14	Storage Igloo 2405	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2405	6 6	
		42,13	Ground Disturbance 13	Disqualified, Hazardous Substance Release	Release of Mercury associated with Ground Disturbance 13	6	
		42,12	Storage Igloo 2404	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury, Nitrocellulose associated with Storage Igloo 2404	6 6	
71D-/R(P)/HR	14	51,13	Storage Igloo 2705	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2705	6 6	
		51,11	Storage Igloo 2704	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2704	6 6	
		48,11	Storage Igloo 2604	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2604	6 6	
		53,10	Storage Igloo 2802	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2802	6 6	
		50,10	Storage Igloo 2703	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2703 Release of Trinitrobenzene associated with Storage Igloo 2703	6 6 6	inside of building
		48,9	Storage Igloo 2603	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2603	6 6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
72D-/R(P)/HR	1	23,13	Storage Igloo 1504	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1504	6 6	
73P	2	35,13		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area.		
74D-/R(P)/HR	2	37,13	Storage Igloo 2204	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury, Nitrocellulose associated with Storage Igloo 2204	6 6	
75D-/R(P)/HR	1	40,13	Storage Igloo 2305	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2305	6 6	
76D-/R(P)/HR	3	47,13 49,13	Railcar Loading Ramp 3405 Storage Igloo 2605	Disqualified, Hazardous Substance Release Qualified, Radon (P) Disqualified, Hazardous Substance Release	Release of Lead, Mercury, Nitrocellulose, Dinitrotoluene associated with Railcar Loading Ramp 3405 Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2605	6 6 6	
77D-/HR	1	55,13	Storage Igloo 2903	Disqualified, Hazardous Substance Release	Release of Lead associated with Storage Igloo 2903	6	
78D-/R(P)/HR	1	25,12	Storage Igloo 1603	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1603	6 6	
79D-/R(P)/HR	2	35,12	Storage Igloo 2104	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2104	6 6	
80D-/HR	7	45,11	Ground Disturbance 15	Disqualified, Hazardous Substance Release	Release of Lead, Mercury associated with Ground Disturbance 15	6	
81D-/R(P)/HR	1	57,12	Storage Igloo 3003	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 3003 Release of Trinitrotoluene associated with Storage Igloo 3003	6 6 6	inside of building

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
82D-/R(P)/HR	1	23,11	Storage Igloo 1503	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1503 Release of Nitrobenzene associated with Storage Igloo 1503	6 6 6	inside of building
83D-/R(P)/HR	1	27,11	Storage Igloo 1703	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1703	6 6	
84D-/R(P)/HR	1	33,11	Storage Igloo 2003	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2003	6 6	
85D-/R(P)/HR	1	37,11	Storage Igloo 2203	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2203	6 6	
86D-/R(P)/HR	2	39,11	Storage Igloo 2304	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2304	6 6	
87D-/R/HR	1	55,11	Storage Igloo 2902	Qualified, Radon Disqualified, Hazardous Substance Release	Radon gas present at Concentration = 8.80 pCi/L Release of Lead associated with Storage Igloo 2902	6 6	
88D-/R(P)/HR	4	59,11 59,9	Storage Igloo 3102 Storage Igloo 3101	Qualified, Radon (P) Disqualified, Hazardous Substance Release Disqualified, Hazardous Substance Release (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 3102 Release of Lead associated with Storage Igloo 3101	6 6 6	
89D-/R(P)/PR/HR	2	20,10	Storage Igloo 3302	Qualified, Radon (P) Disqualified, Petroleum Release Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Total petroleum hydrocarbons associated with Storage Igloo 3302 Release of Lead, Mercury associated with Storage Igloo 3302	6 6 6	Release occurred inside of building
90D-/R(P)/HR	2	25,10	Storage Igloo 1602	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1602	6 6	
91D-/HR	2	29,10	Debris Pile	Disqualified, Hazardous Substance Release	Release of Lead, Mercury, Methylbenzene associated with Debris	6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
91D-/HR	2	29,9	Railcar Loading Ramp 3408	Disqualified, Hazardous Substance Release	Pile Release of Lead, Mercury associated with Railcar Loading Ramp 3408	6	
92D-/R(P)/HR	1	31,10	Storage Igloo 1903	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1903	6 6	
93D-/R(P)/HR	4	35,10	Storage Igloo 2103	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2103	6 6	
		35,7	Storage Igloo 2102	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2102	6 6	
94D-/R(P)/HR	2	41,10	Storage Igloo 2403	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury, Nitrocellulose associated with Storage Igloo 2403	6 6	
95D-/R(P)/HR	1	57,10	Storage Igloo 3002	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 3002	6 6	
96D-/R(P)/HR	2	22,9	Storage Igloo 1502	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 15[illegible]	6 6	
97P	2	24,9		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area.		
98D-/R(P)/HR	2	27,9	Storage Igloo 1702	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Dinitrotoluene associated with Storage Igloo 1702	6 6	
99D-/R(P)/HR	1	33,9	Storage Igloo 2002	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2002	6 6	
100D-/R(P)/HR	1	37,9	Storage Igloo 2202	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
100D-/R(P)/HR	1	37,9	Storage Igloo 2202	Disqualified, Hazardous Substance Release	Release of Lead, Mercury associated with Storage Igloo 2202	6	
101D-/R(P)/HR	2	39,9	Storage Igloo 2303	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2303	6 6	
102P	2	52,9		CERFA Parcel	No hazardous substances or petroleum products have been stored, released or disposed in this area.		
103Q-/R(P)	2	54,9	Storage Igloo 2901	Qualified, Radon (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled	6	
104D-/R(P)/PR/HR	26	24,8	Storage Igloo 1601	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1601	6 6	
		20,7	Storage Igloo 3301	Qualified, Radon (P) Disqualified, Petroleum Release Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Total petroleum hydrocarbons associated with Storage Igloo 3301 Release of Lead, Mercury associated with Storage Igloo 3301	6 6 6	Release occurred inside of building
		21,7	Ground Disturbance 2	Disqualified, Hazardous Substance Release	Release of Mercury associated with Ground Disturbance 2	6	
		22,7	Storage Igloo 1501	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 1501	6 6	
		26,6	Storage Igloo 1701	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1701	6 6	
		24,5	Ground Disturbance 7	Disqualified, Hazardous Substance Release	Release of Lead, Mercury associated with Ground Disturbance 7	6	
105D-/R(P)/HR	1	31,8	Storage Igloo 1902	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1902	6 6	
106D-/R(P)/HR	1	41,8	Storage Igloo 2402	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury, Nitrocellulose associated with Storage Igloo 2402	6 6	
107D-/HR	2	46,7	Railcar Loading Ramp 3404	Disqualified, Hazardous Substance Release	Release of Lead associated with Railcar Loading Ramp 3404	6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
108D-/R(P)/HR	1	50,8	Storage Igloo 2702	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2702	6 6	
109D-/R(P)/HR	2	52,8	Storage Igloo 2801	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2801	6 6	
110D-/R(P)/HR	2	56,8	Storage Igloo 3001	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 3001	6 6	
111D-/R(P)/HR	2	33,7	Storage Igloo 2001	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2001	6 6	
112D-/R(P)/HR	1	37,7	Storage Igloo 2201	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo 2201	6 6	
113D-/R(P)/HR	1	39,7	Storage Igloo 2302	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury associated with Storage Igloo [illegible]	6 6	
114D-/R(P)/HR	1	48,7	Storage Igloo 2602	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2602	6 6	
115D-/R(P)/HR(P)	2	30,6	Storage Igloo 1901	Qualified, Radon (P) Disqualified, Hazardous Substance Release (P)	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 1901	6 6	
116D-/R(P)/HR	2	35,5	Storage Igloo 2101	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead, Mercury, Dinitrotoluene associated with Storage Igloo 2101	6 6	
117D-/R(P)/HR	1	39,5	Storage Igloo 2301	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2301	6 6	

TABLE 5-1. Parcel Descriptions Coosa River Storage Annex

PARCEL NUMBER	APPROX. SIZE (ACRES)	COORD (X,Y) ON FIG 5-1	LOCATION	CATEGORY	BASIS	APP. A REF(S)	REMEDIATION OR MITIGATION
118D-/R(P)/HR	1	50,5	Storage Igloo 2701	Qualified, Radon (P) Disqualified, Hazardous Substance Release	Radon gas possible based on concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled Release of Lead associated with Storage Igloo 2701	6 6	
119D-/A/L/PS	3	44,4	Building S2	Qualified, Lead Disqualified, Petroleum Storage	Lead-based paint associated with structure built in 1943 Propane stored in 500 Gal AGT	12 13	
		44,3	Building S1	Qualified, Asbestos Qualified, Lead Disqualified, Petroleum Storage	Asbestos Containing Material Lead-based paint associated with structure built in 1943 Gasoline stored in 3,000 Gal UST -- Used from ~1958 to 1990 Liquid petroleum gas stored in UST - First used in 1943 Propane used in 500 Gal AGT	6 12 3,4,5,6 3,6 13	Ust Emptied in 1985 - Removed in 1990 Removed in 1990
120Q-/L	1	49,3	Building S4	Qualified, Lead	Lead-based paint associated with structure built in 1943	12	

D=CERFA DISQUALIFIED PARCEL
E=CERFA EXCLUDED PARCEL
P=CERFA PARCEL
Q=CERFA PARCEL WITH QUALIFIERS

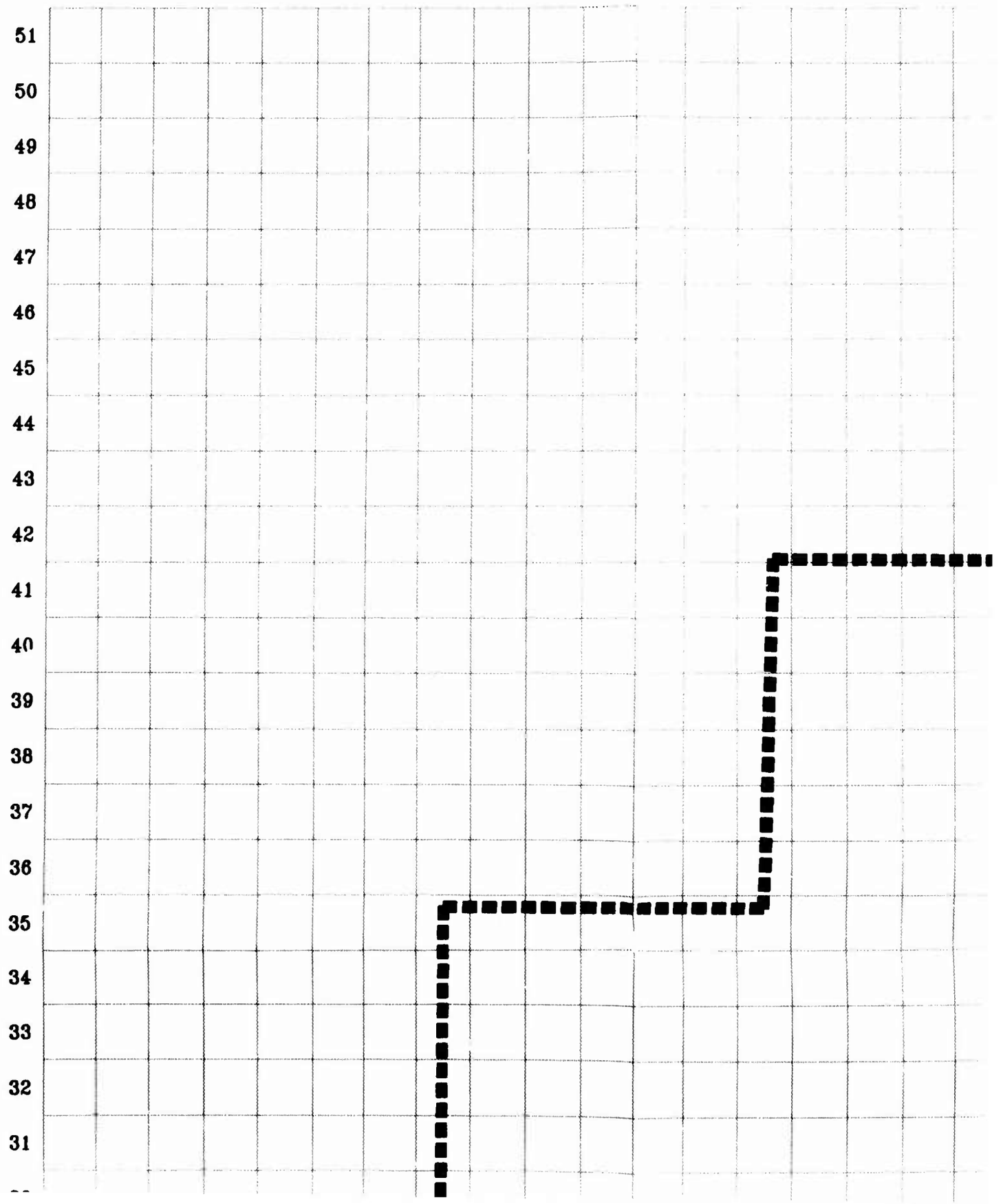
A=ASBESTOS
L=LEAD-BASED PAINT
P=PCB STORAGE
R=RADON
RD=RADIONUCLIDES
X=UNEXPLODED ORDNANCE

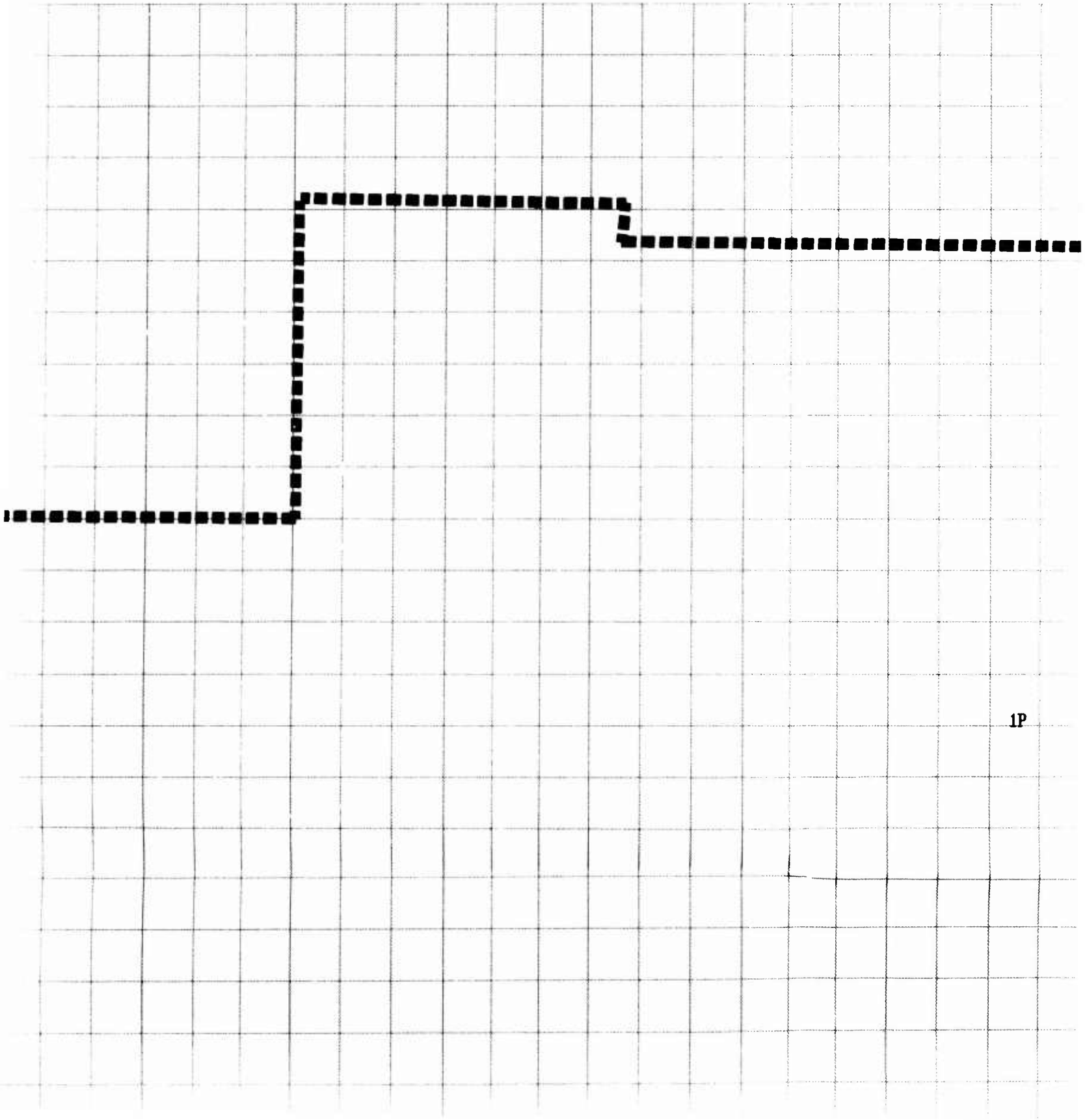
PR=PETROLEUM RELEASE
PS=PETROLEUM STORAGE
HR=HAZARDOUS SUBSTANCE RELEASE
HS=HAZARDOUS SUBSTANCE STORAGE

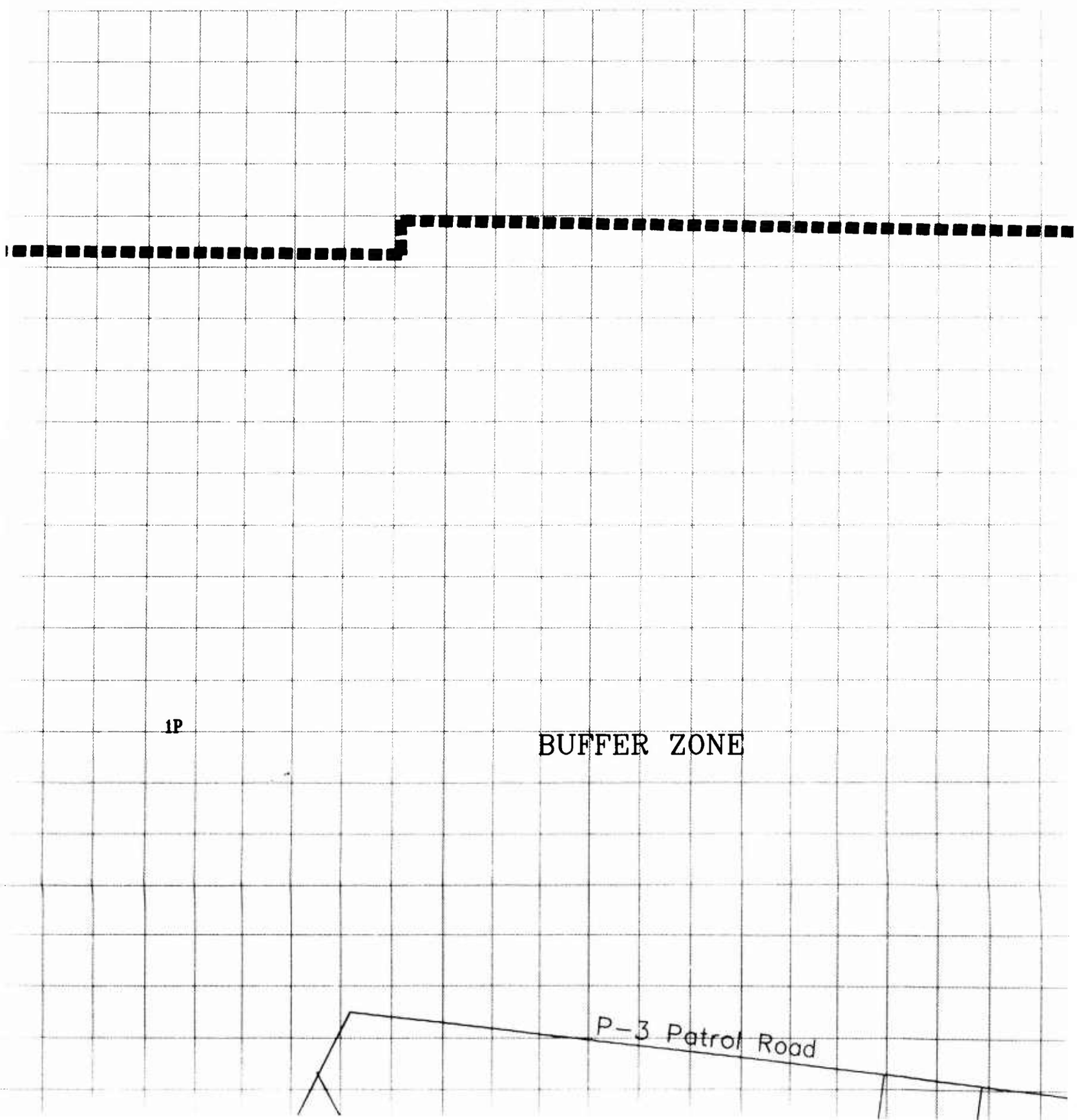
(P)=POSSIBLE QUALIFIER

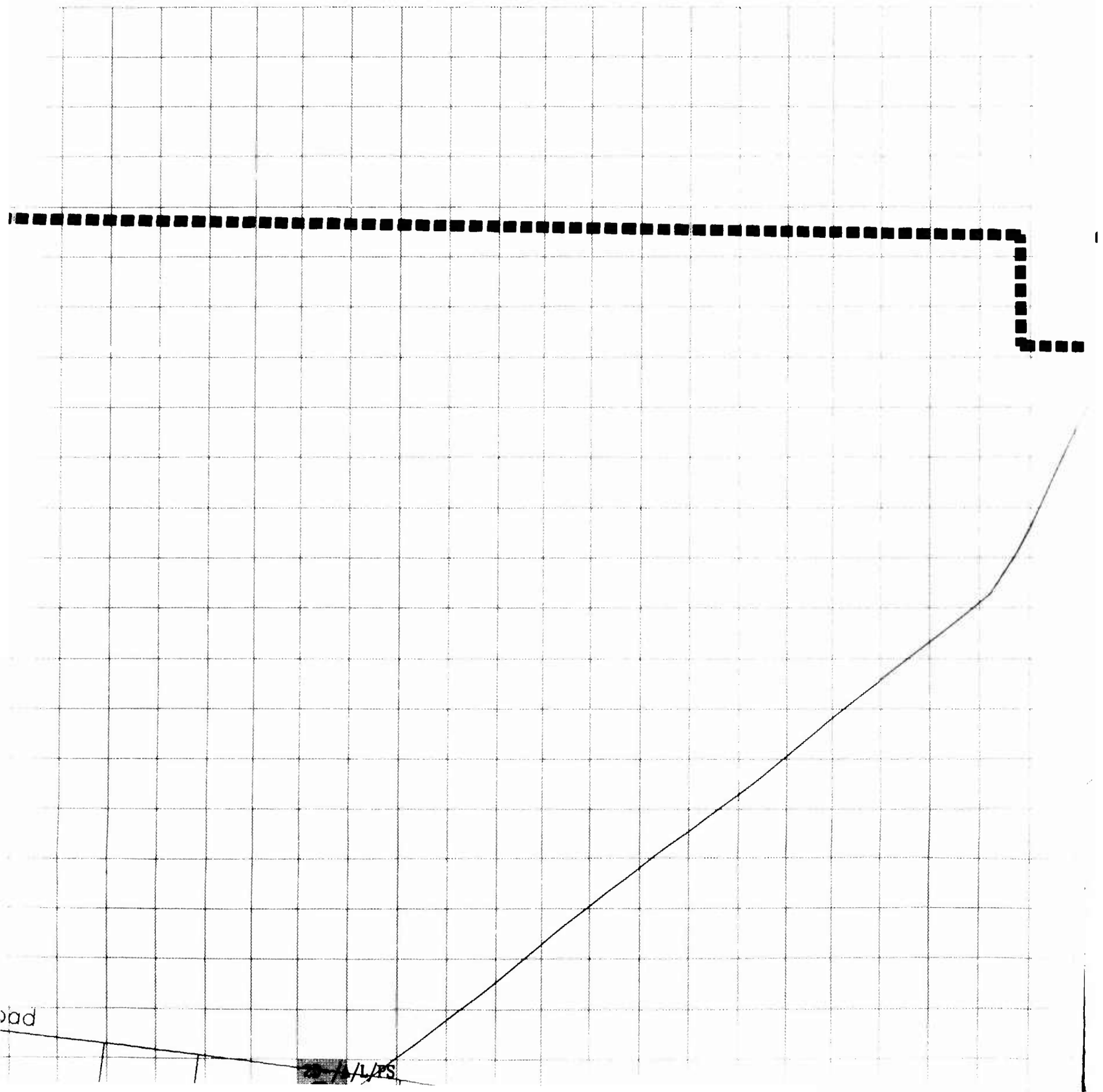
FIGURE 5-1
PARCEL DESIGNATION MAP, COOSA RIVER STORAGE ANNEX, TALLADEGA, ALABAMA

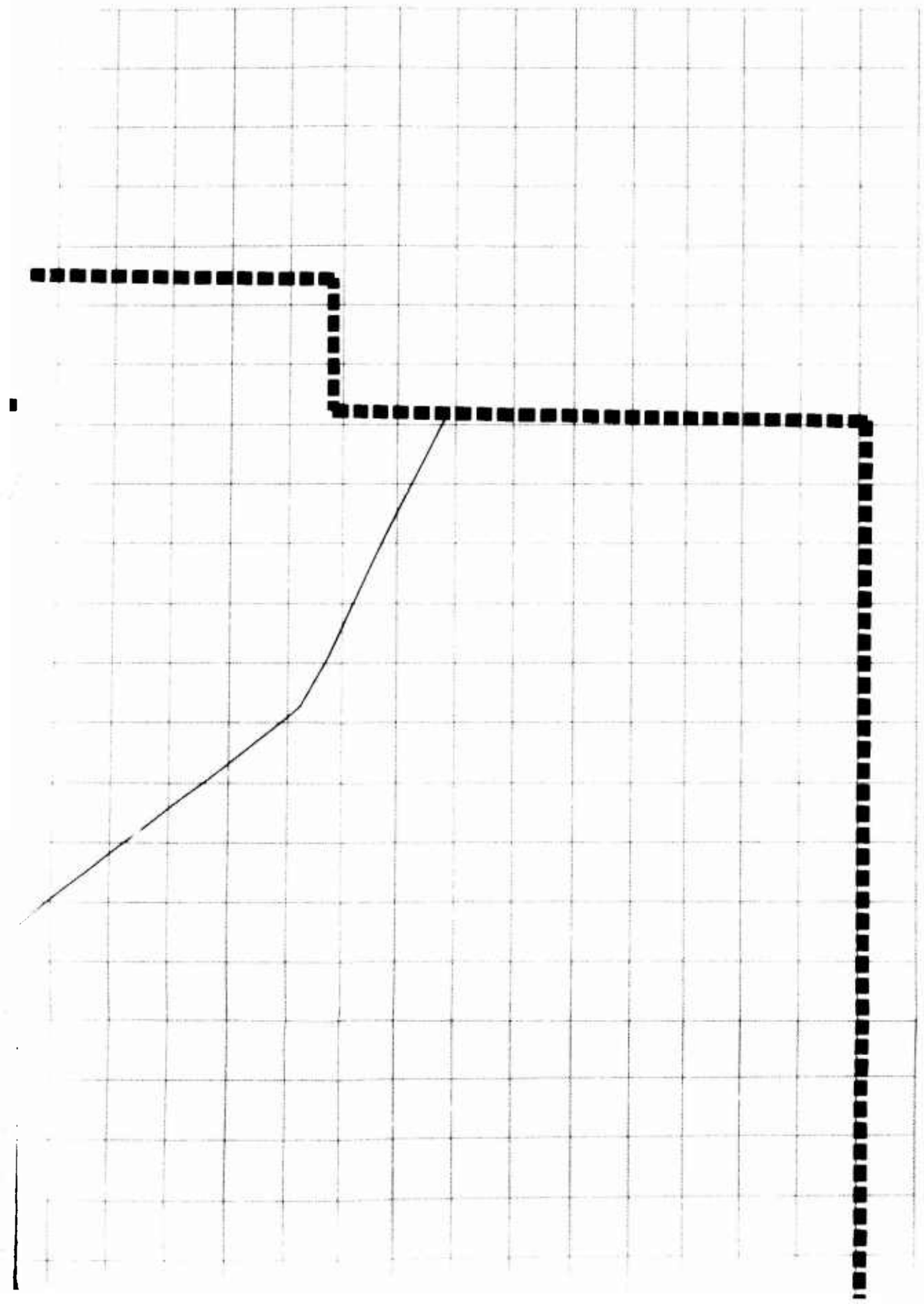
REVISION	DATE
0	11/08/93
1	02/24/94
2	03/28/94

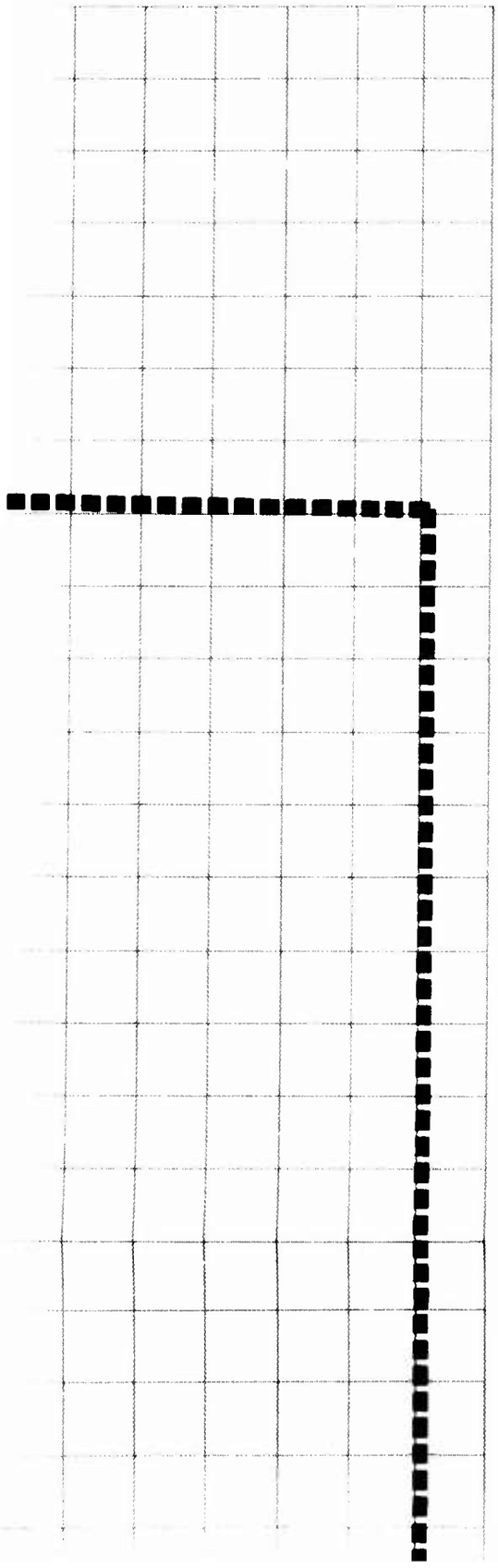



1P


1P
BUFFER ZONE
P-3 Patrol Road


oad





3406 Railcar Loading

2609 Ammunition St

GD Ground Disturb

Underground S

Above Ground

BRAC Property

CERFA Parcel

CERFA Parcel w

CERFA Disqualif

Railcar Loading Ramp

Ammunition Storage Igloo

Ground Disturbance

■ Underground Storage Tank

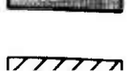
△ Above Ground Storage Tank

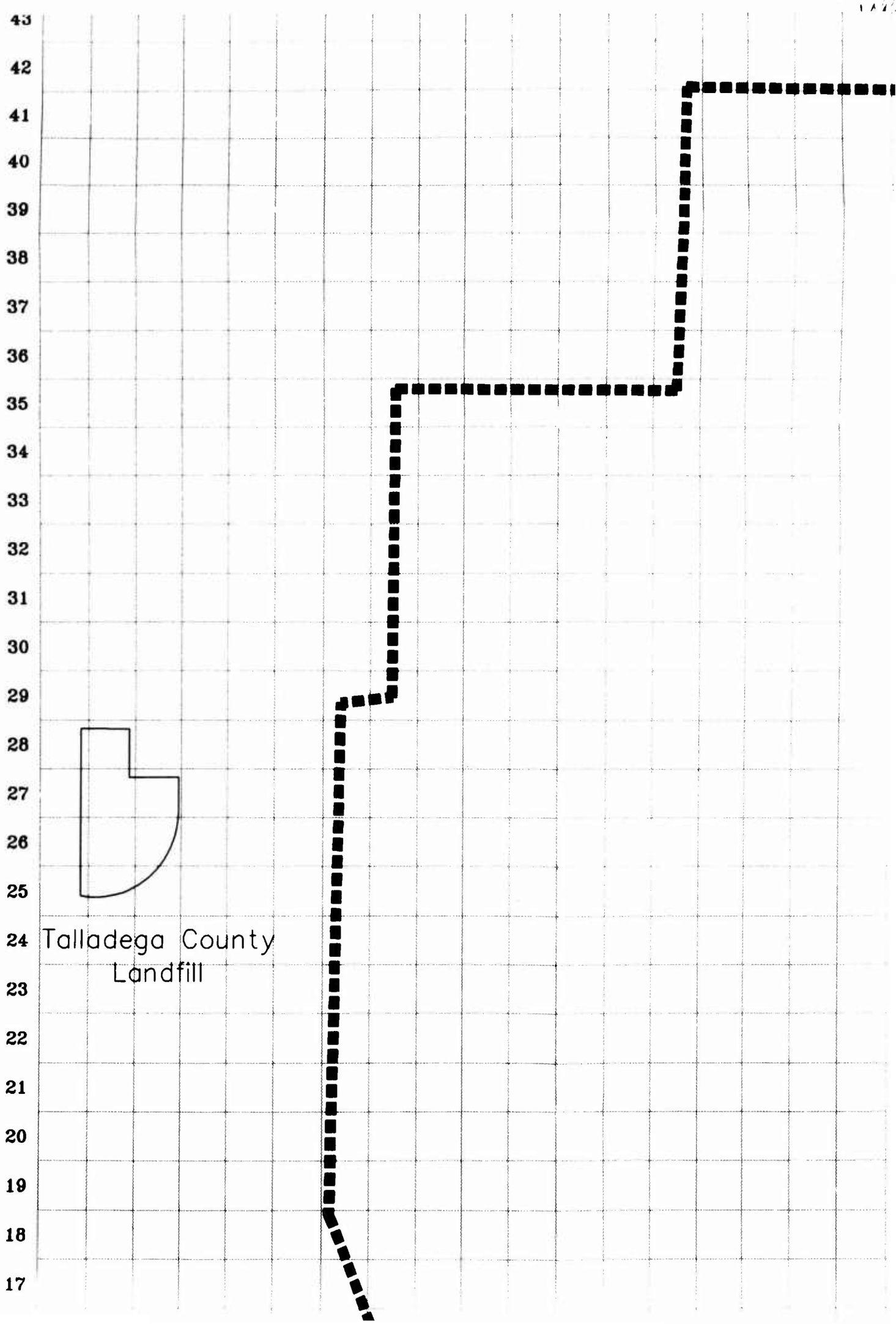
■■■■■■■ BRAC Property Boundary

CERFA Parcel

CERFA Parcel with Qualifier(s)

CERFA Disqualified Parcel




43
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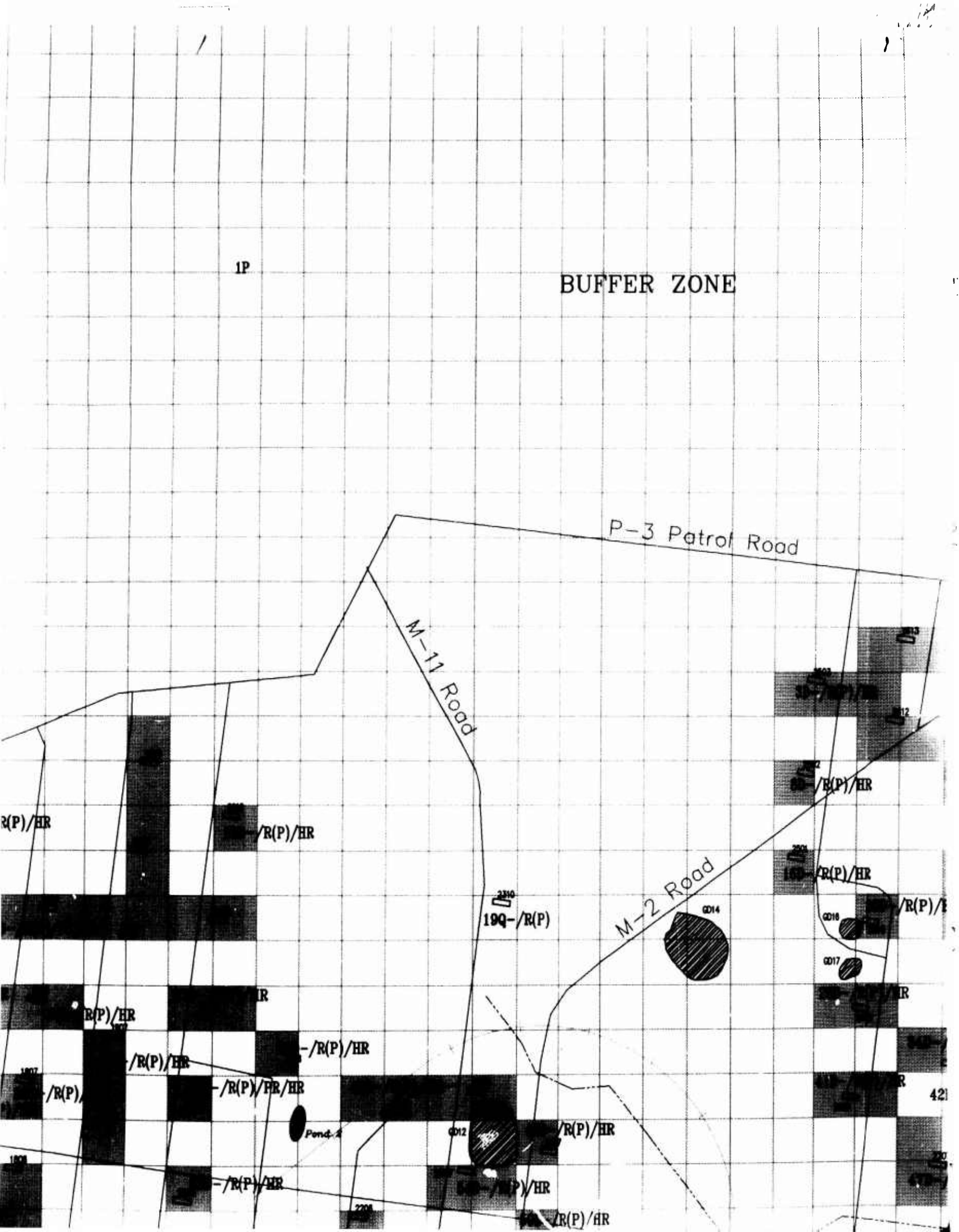
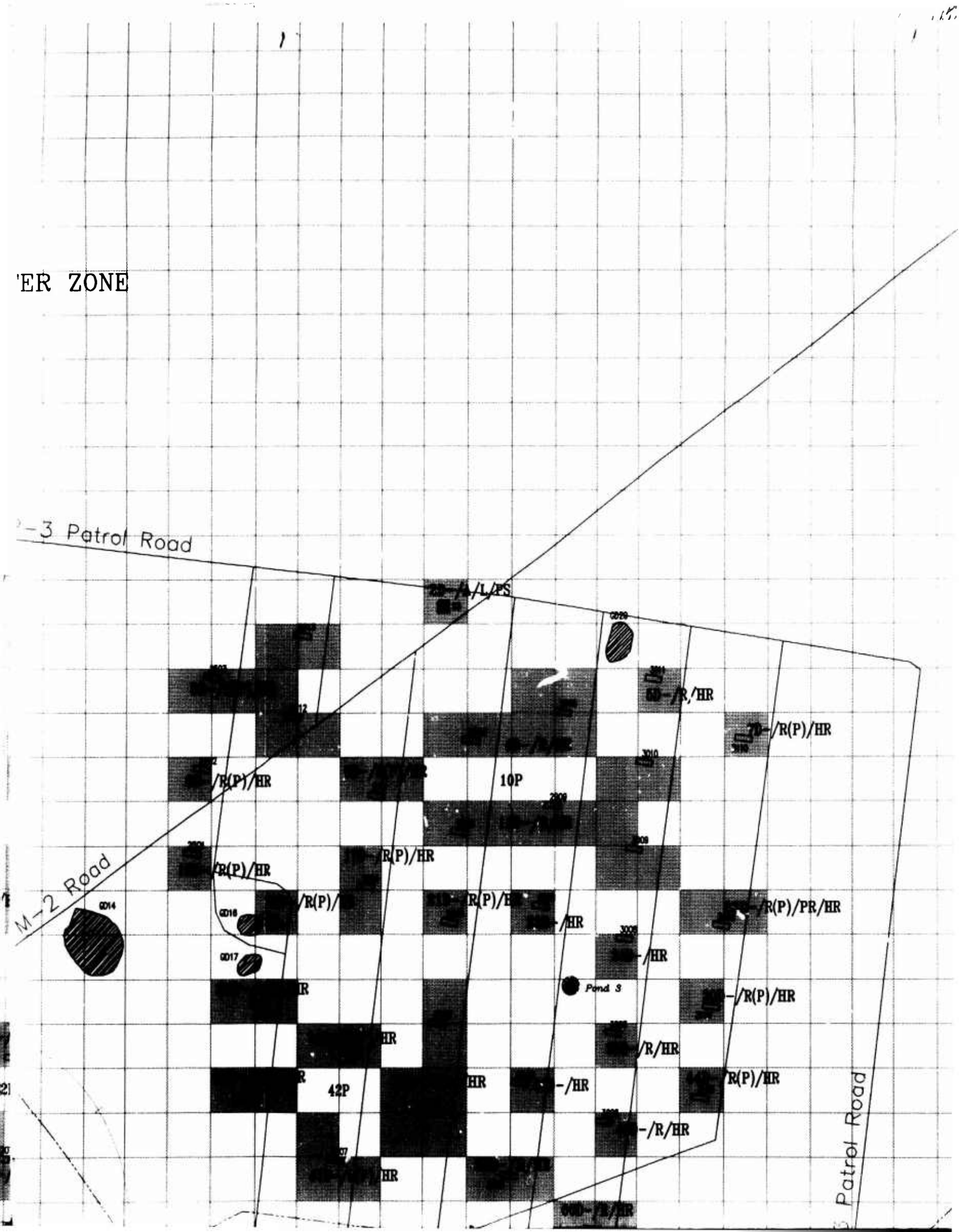
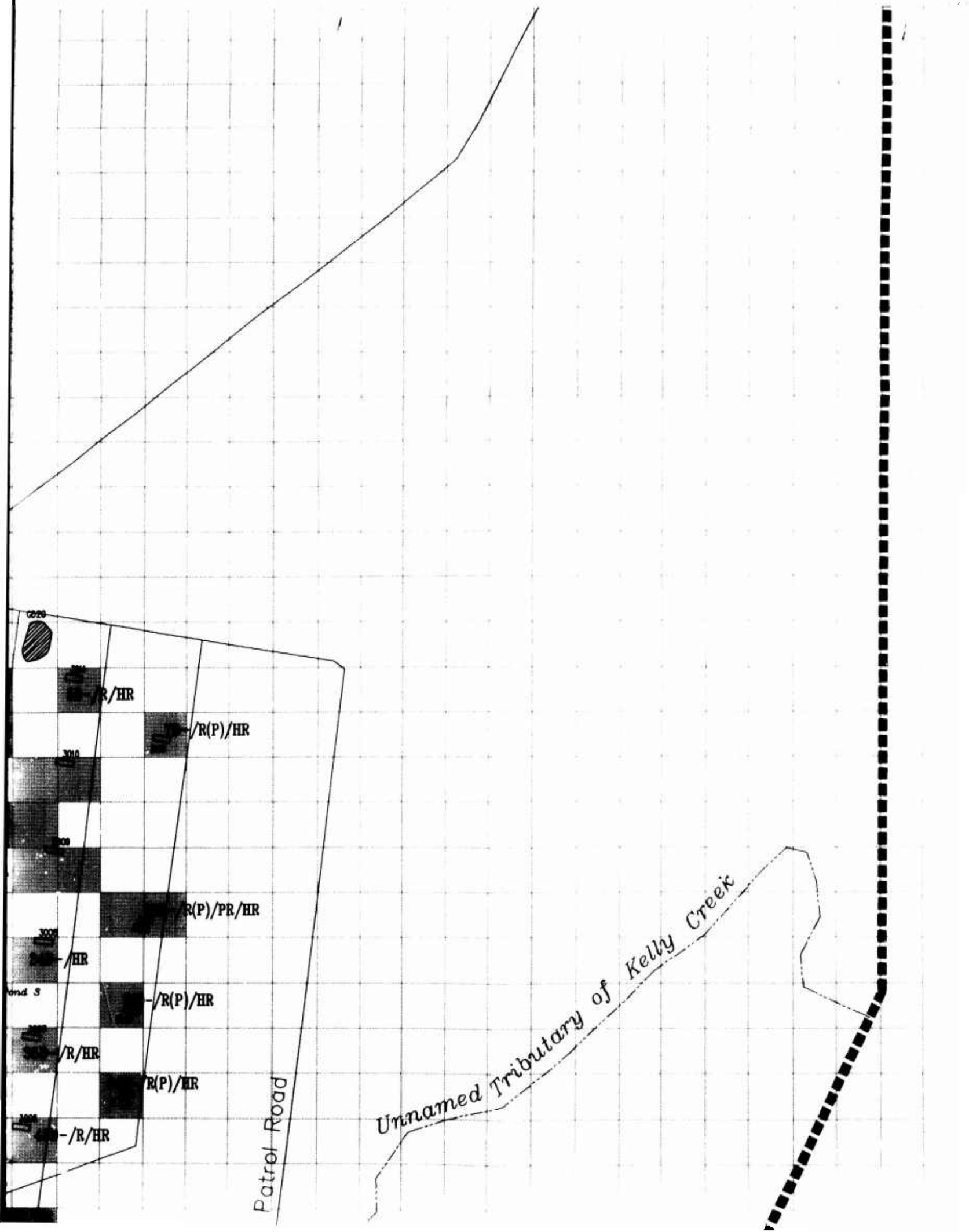
17
Talladega County
Landfill

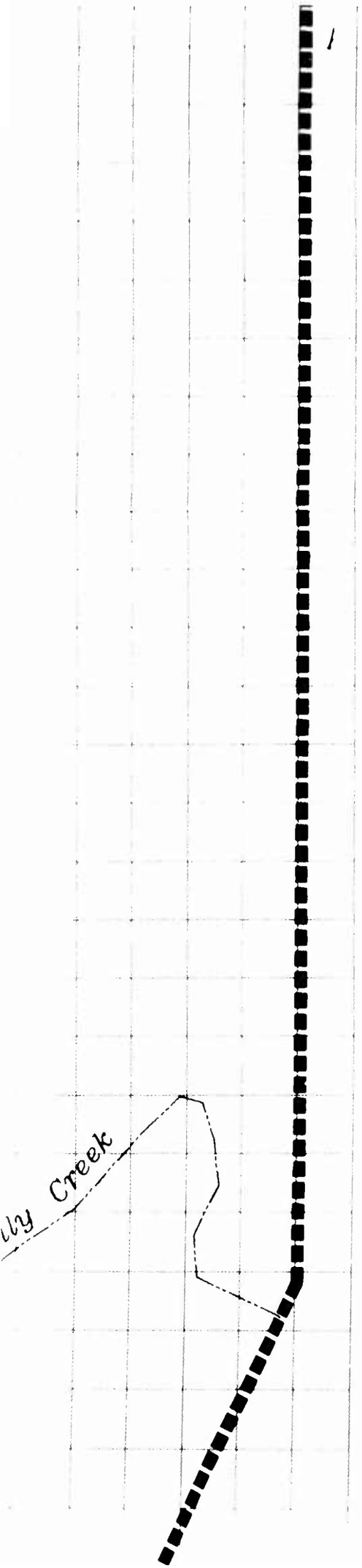

Pond 1
Road


1P
BUFFER ZONE
P-3 Patrol Road
M-11 Road
M-2 Road
GD14
GD16
GD17
GD12
Pond 1
/R(P)/HR

'ER ZONE


-3 Patrol Road
M-2 Road
Pond 3
Patrol Road
10P
42P
/R(P)/HR
/R/HR
/HR
-/R(P)/PR/HR
GD14
GD16
GD17
GD29


/R/HR
/R(P)/HR
/R(P)/PR/HR
/HR
/R(P)/HR
/R/HR
R(P)/HR
/R/HR
Patrol Road
Unnamed Tributary of Kelly Creek



Ground Distur/ba

Underground Sto

Above Ground St

BRAC Property B

CERFA Parcel

CERFA Parcel wi

CERFA Disqualifie

CERFA Excluded

PARCEL LABEL DEFINITIONS

13P-/A/L

A = ASBESTOS
L = LEAD-BASED PAINT
P = PCB
R = RADON
X = UNEXPLODED ORDN
RD = RADIONUCLIDES
PR = PETROLEUM RELEA
PR = PETROLEUM STOR/
HR = HAZARDOUS SUBS
HS = HAZARDOUS SUBS
(P) = POSSIBLE QUALIFI

P = CERFA PARCEL
Q = CERFA PARCEL WITI
D = CERFA DISQUALIFIEI
E = CERFA EXCLUDED P

PARCEL NUMBER

Ground Disturbance

Underground Storage Tank

△ Above Ground Storage Tank

BRAC Property Boundary

CERFA Parcel

CERFA Parcel with Qualifier(s)

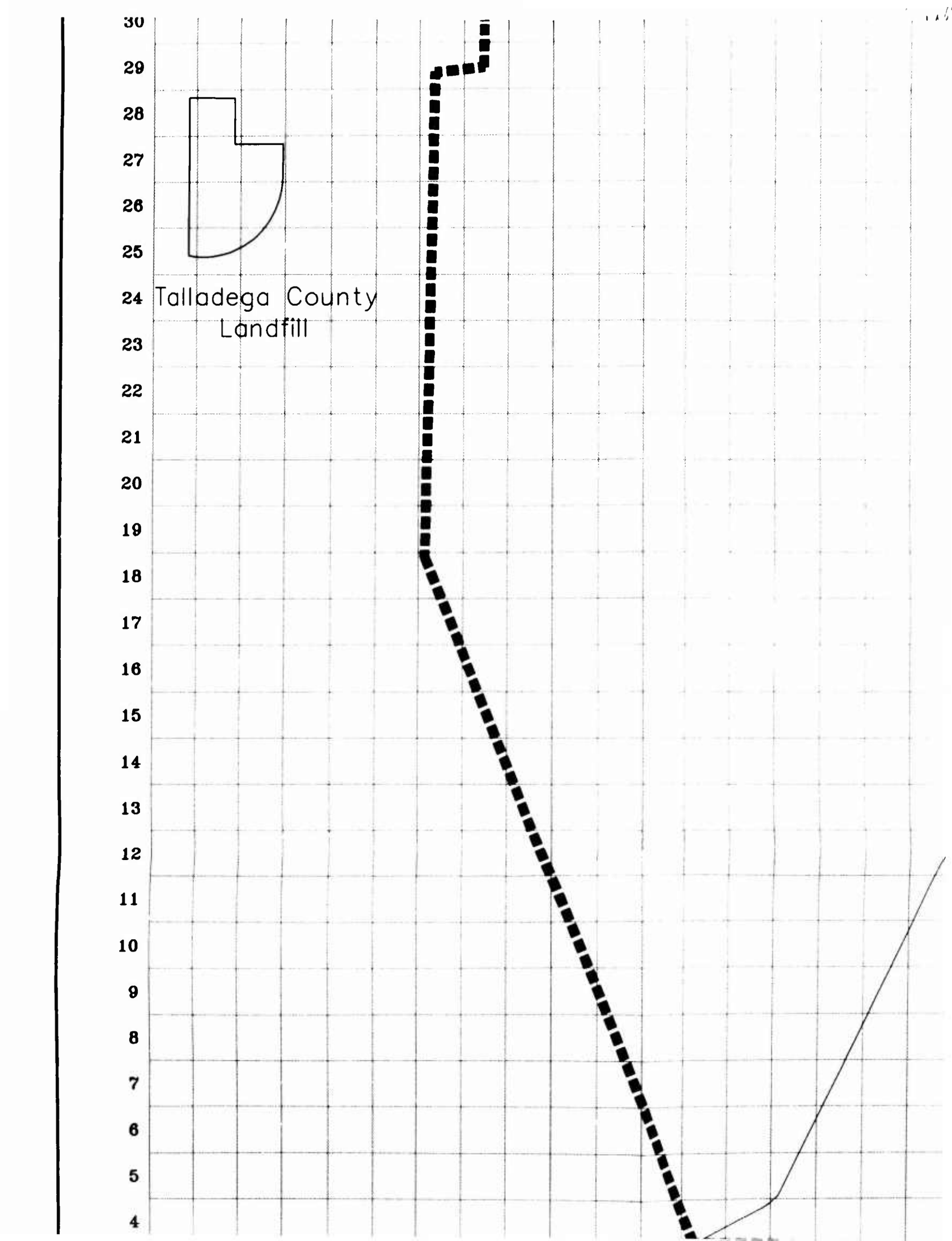
CERFA Disqualified Parcel

CERFA Excluded Parcel

PARCEL LABEL DEFINITIONS

13P-/A/L

- 13 = PARCEL NUMBER
- P = CERFA PARCEL
  Q = CERFA PARCEL WITH QUALIFIER(S)
  D = CERFA DISQUALIFIED PARCEL
  E = CERFA EXCLUDED PARCEL
- A = ASBESTOS
  L = LEAD-BASED PAINT
  P = PCB
  R = RADON
  X = UNEXPLODED ORDNANCE
  RD = RADIONUCLIDES
  PR = PETROLEUM RELEASE
  PR = PETROLEUM STORAGE
  HR = HAZARDOUS SUBSTANCE RELEASE
  HS = HAZARDOUS SUBSTANCE STORAGE
  (P) = POSSIBLE QUALIFIER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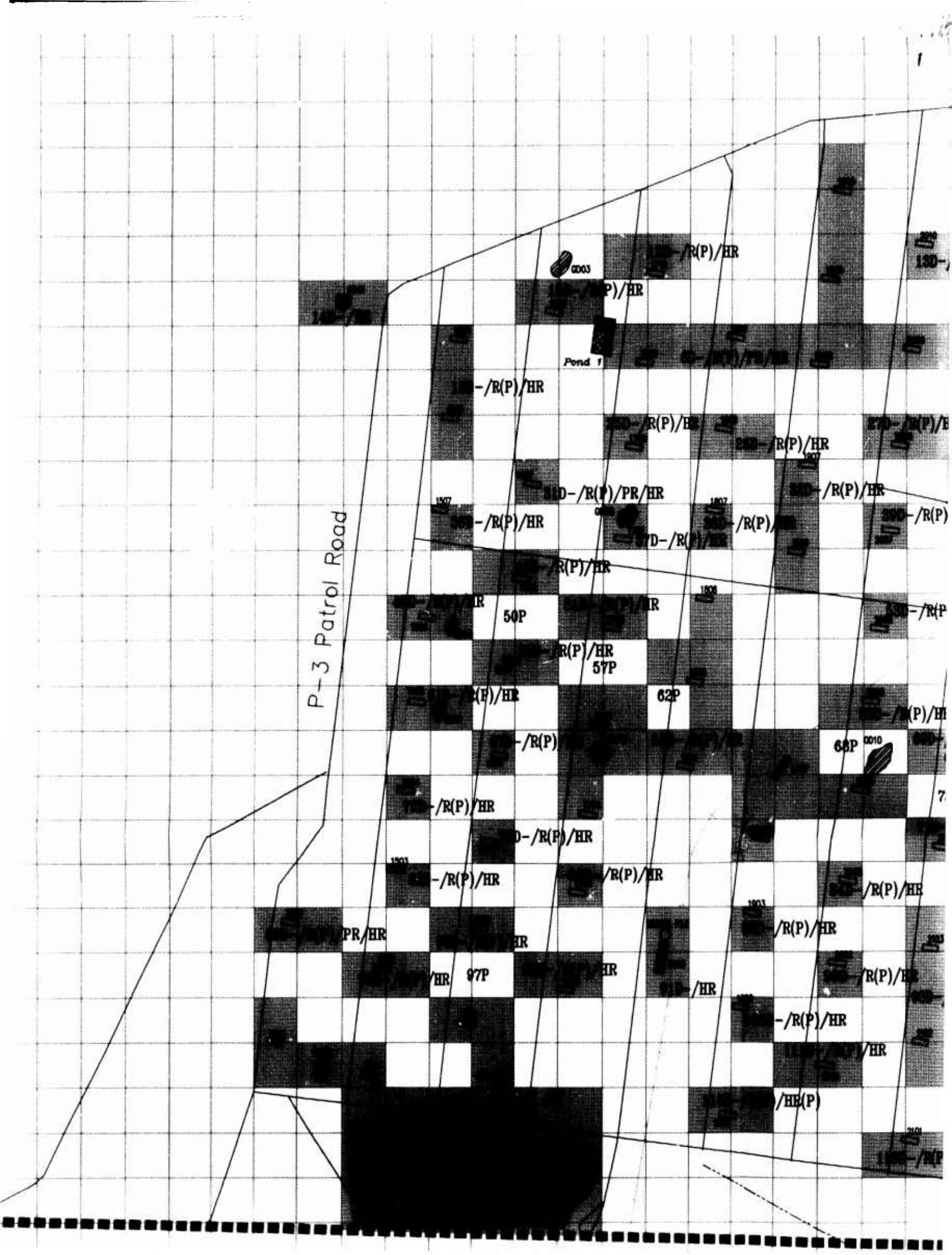
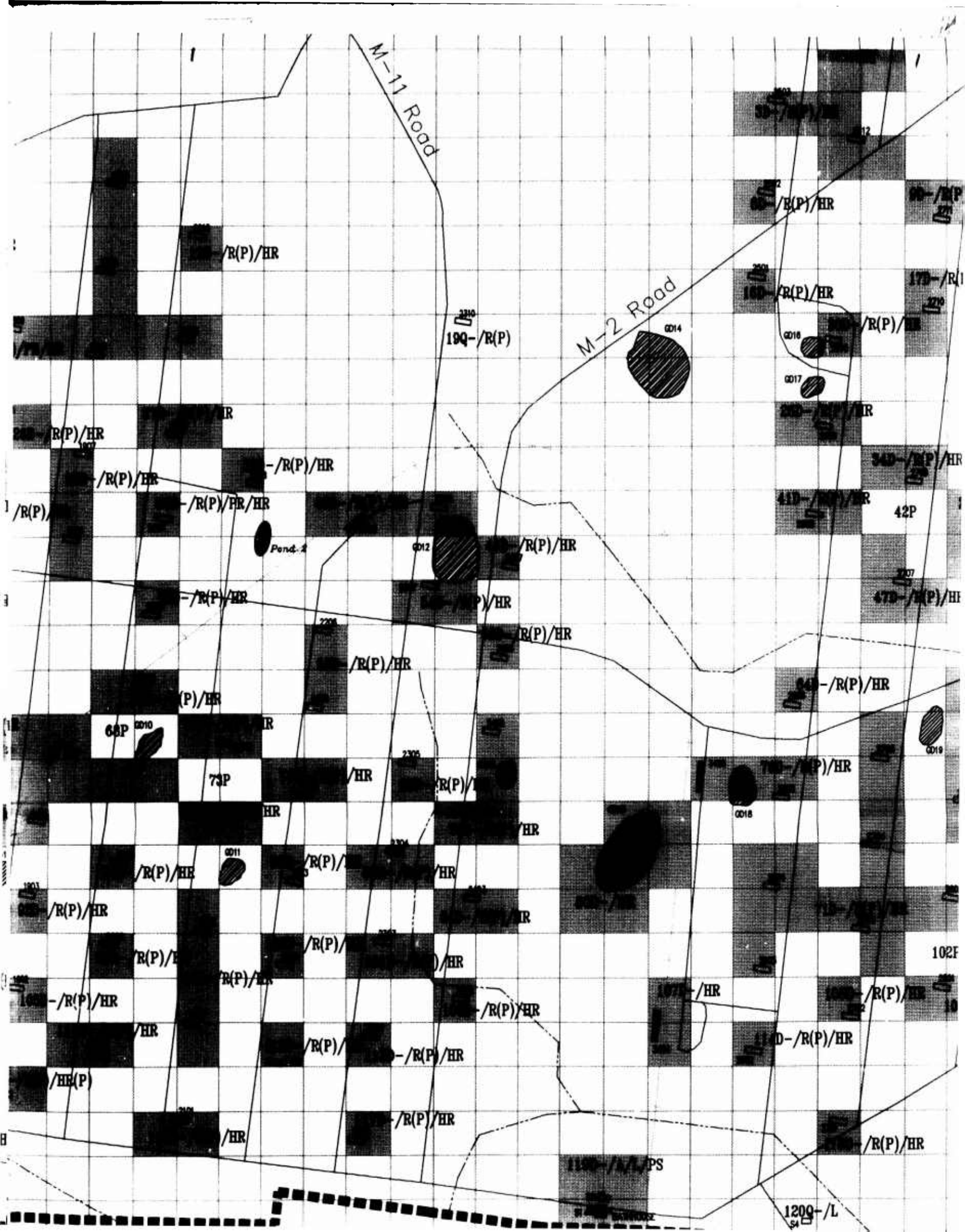
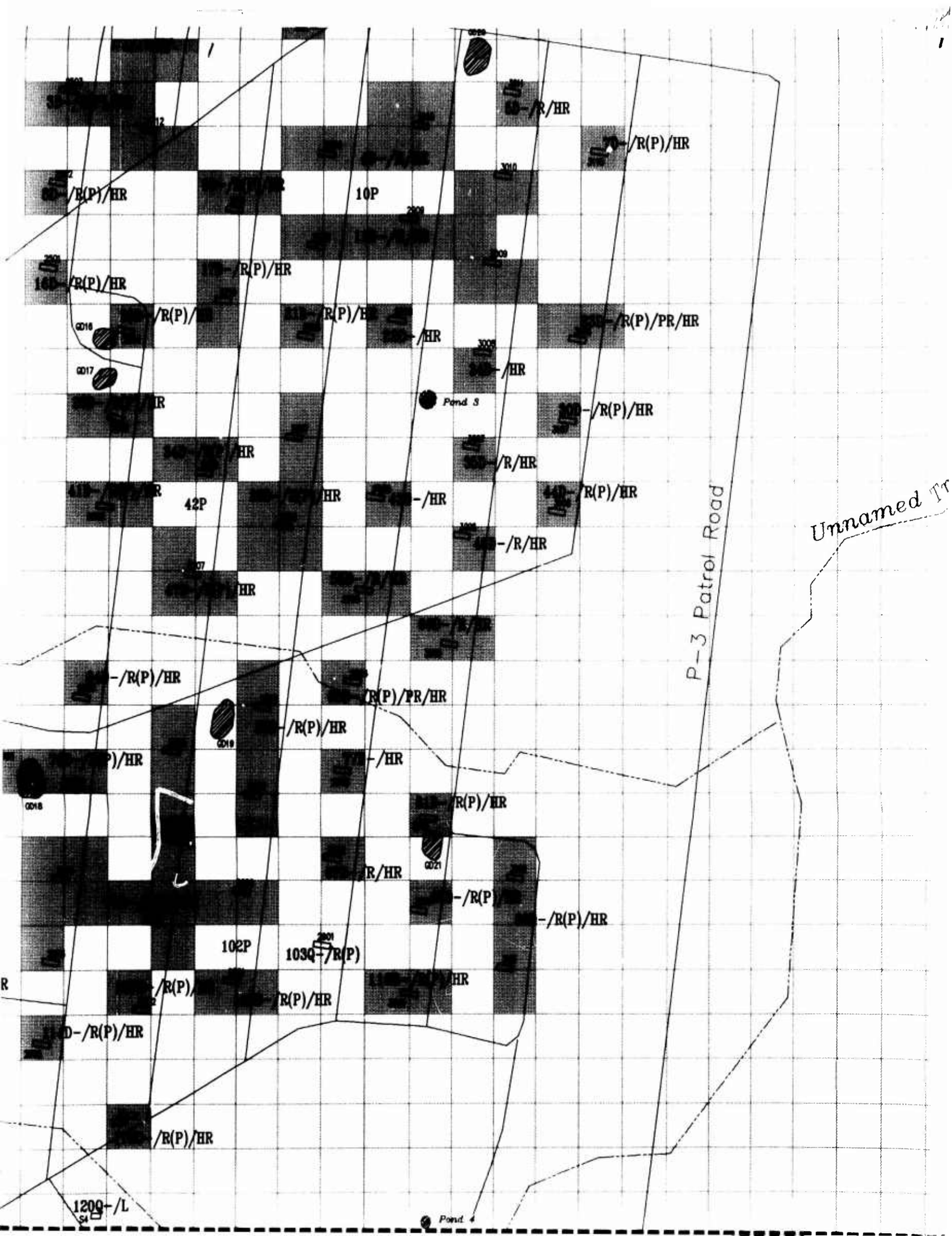
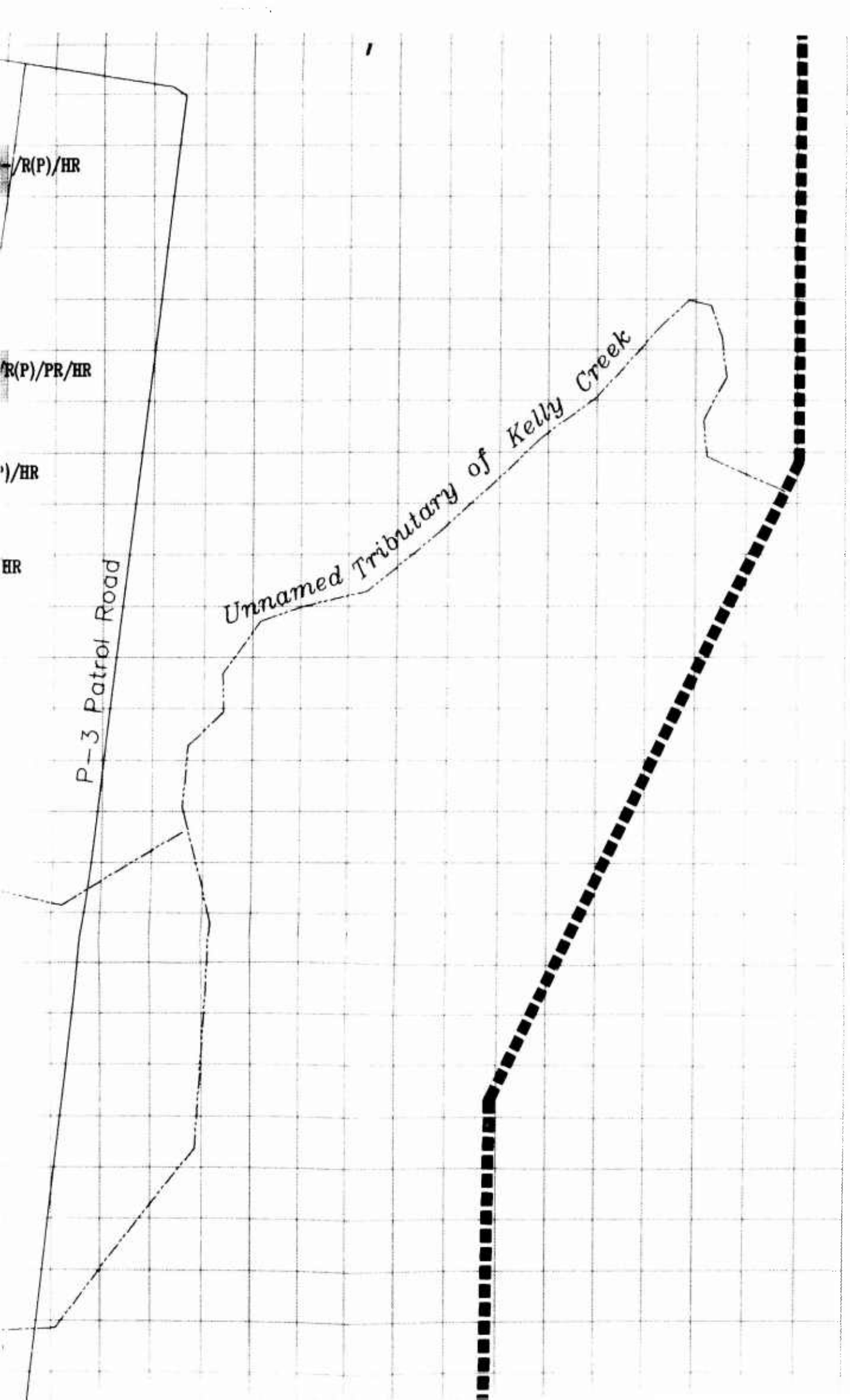
7
6
5
4
Talladega County
Landfill


P-3 Patrol Road
Pond 1
50P
57P
62P
68P
97P


M-11 Road
M-2 Road
Pond 2
GD10
GD11
GD12
GD14
GD16
GD17
GD18
GD19
68P
73P
42P
102F
19Q-/R(P)
/R(P)/HR
1200-/L


10P
42P
102P
Pond 3
Pond 4
P-3 Patrol Road
Unnamed Tr


/R(P)/HR
R(P)/PR/HR
)/HR
HR
P-3 Patrol Road
Unnamed Tributary of Kelly Creek

CERFA Excluded Parcel

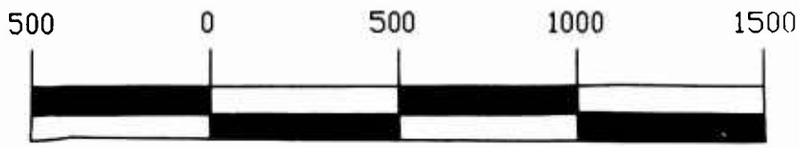
PARCEL LABEL DEFINITIONS

13P-/A/L

- A = ASBESTOS
- L = LEAD-BASED PAINT
- P = PCB
- R = RADON
- X = UNEXPLODED ORDNANCE
- RD = RADIONUCLIDES
- PR = PETROLEUM RELEASE
- PR = PETROLEUM STORAGE
- HR = HAZARDOUS SUBSTANCE RELEASE
- HS = HAZARDOUS SUBSTANCE STORAGE
- (P) = POSSIBLE QUALIFIER

- P = CERFA PARCEL
- Q = CERFA PARCEL WITH QUALIFIER(S)
- D = CERFA DISQUALIFIED PARCEL
- E = CERFA EXCLUDED PARCEL

- PARCEL NUMBER



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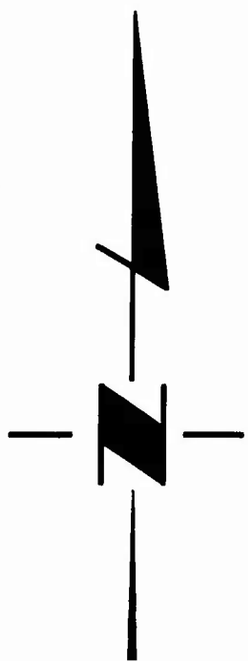


CERFA Excluded Parcel

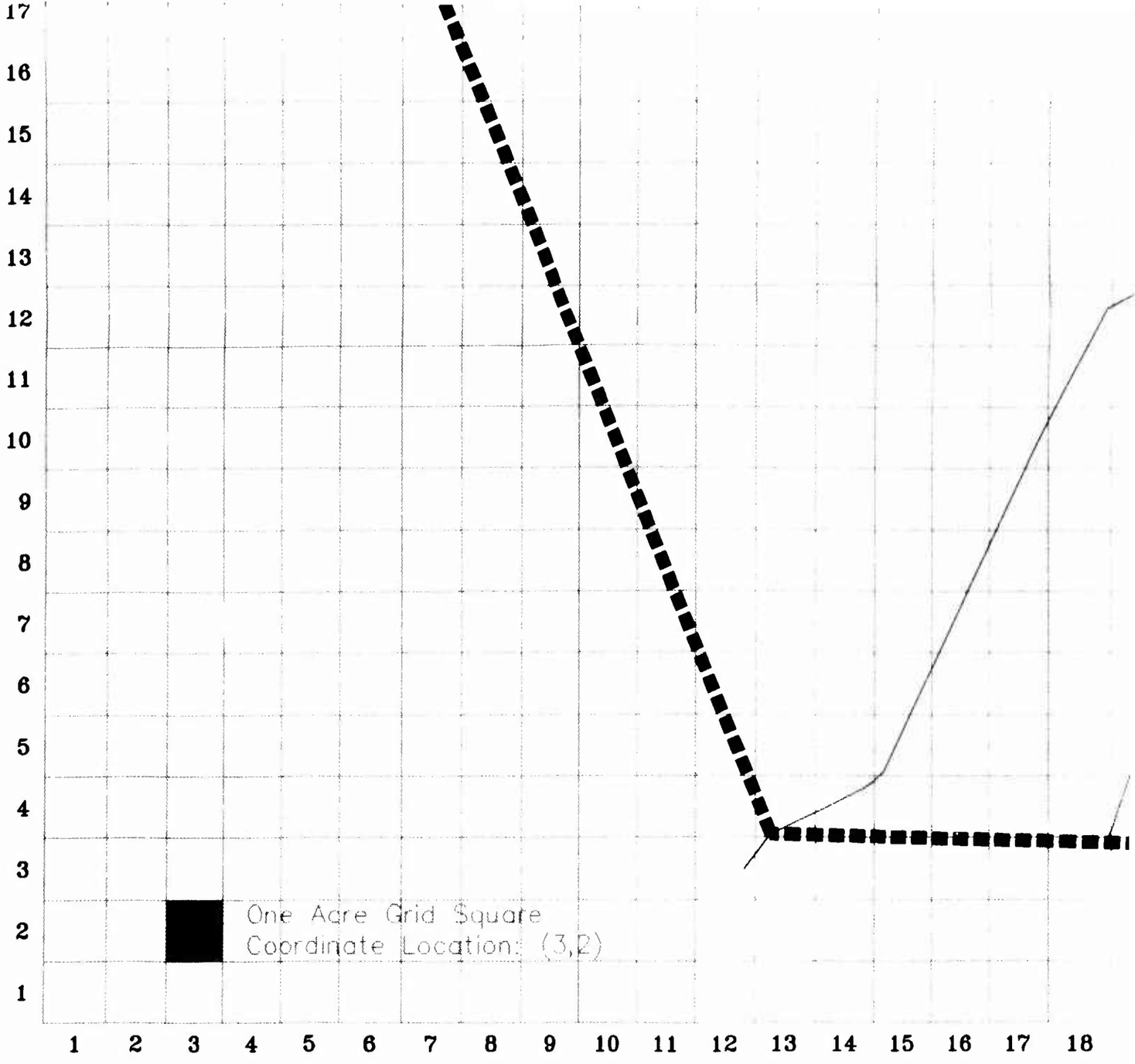
PARCEL LABEL DEFINITIONS

13P-/A/L

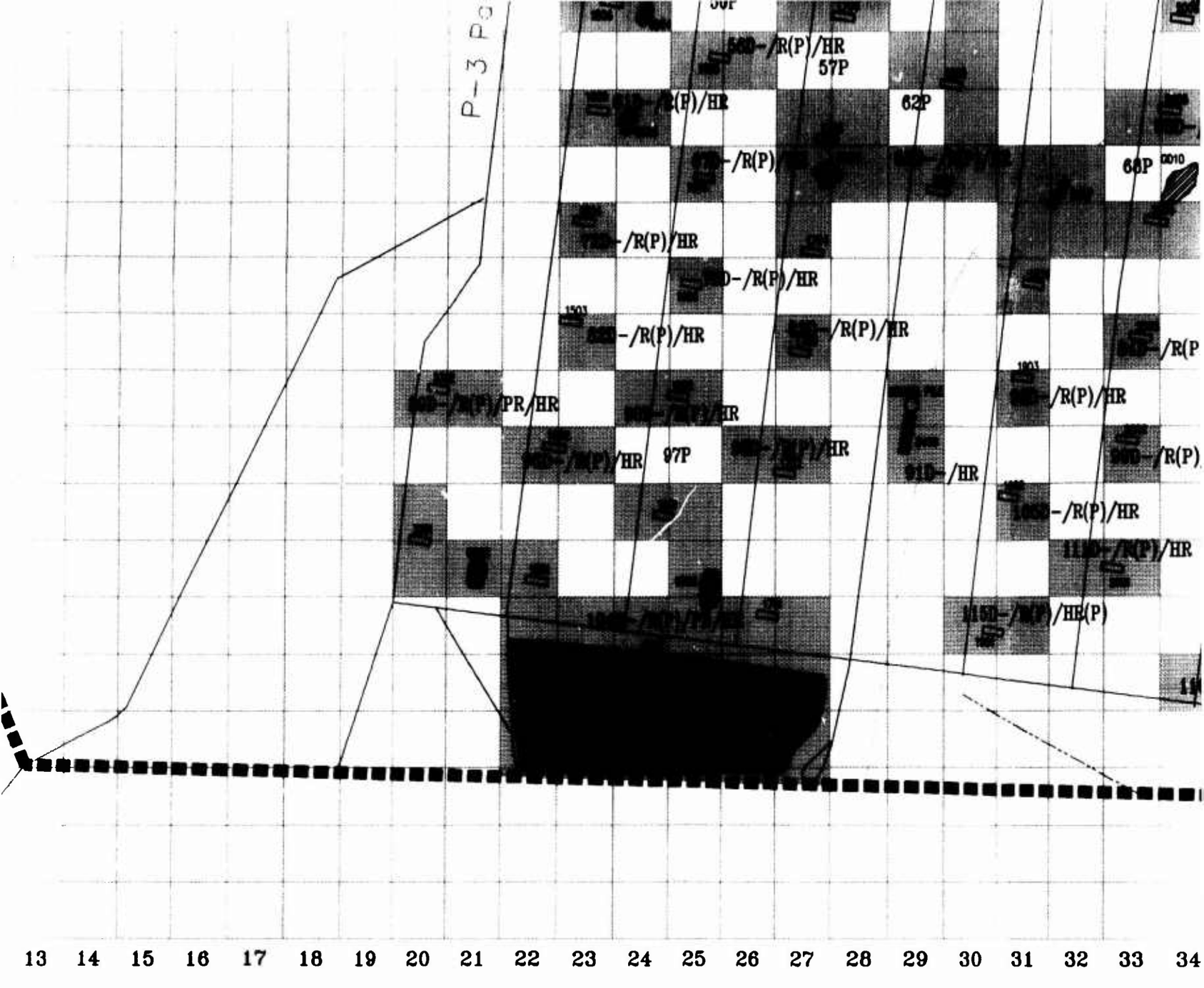
- 13 = PARCEL NUMBER
- P = CERFA PARCEL
  Q = CERFA PARCEL WITH QUALIFIER(S)
  D = CERFA DISQUALIFIED PARCEL
  E = CERFA EXCLUDED PARCEL
- /A = ASBESTOS
  /L = LEAD-BASED PAINT
  /P = PCB
  /R = RADON
  /X = UNEXPLODED ORDNANCE
  /RD = RADIONUCLIDES
  /PR = PETROLEUM RELEASE
  /PR = PETROLEUM STORAGE
  /HR = HAZARDOUS SUBSTANCE RELEASE
  /HS = HAZARDOUS SUBSTANCE STORAGE
  /(P) = POSSIBLE QUALIFIER

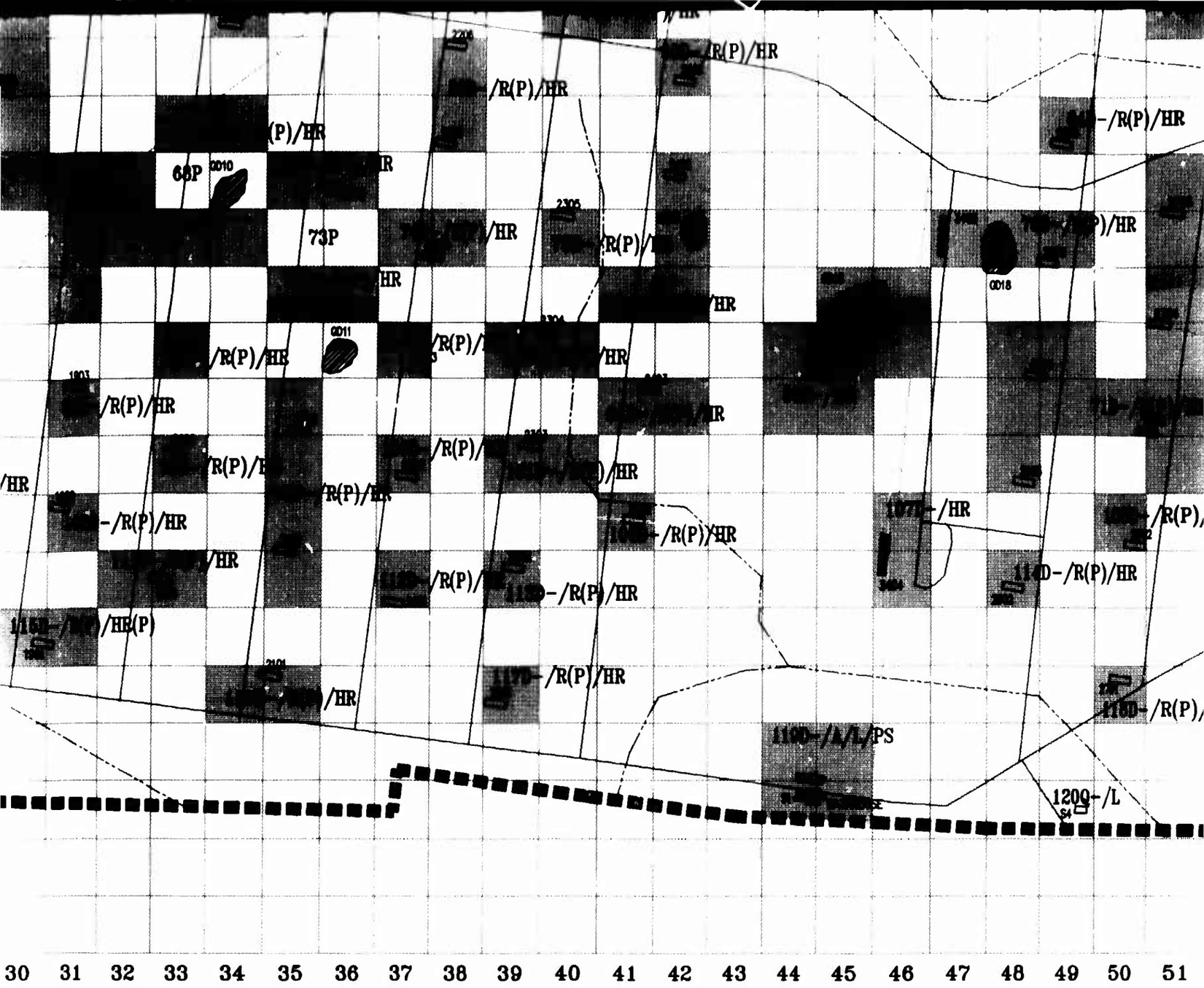
500 0 500 1000 1500

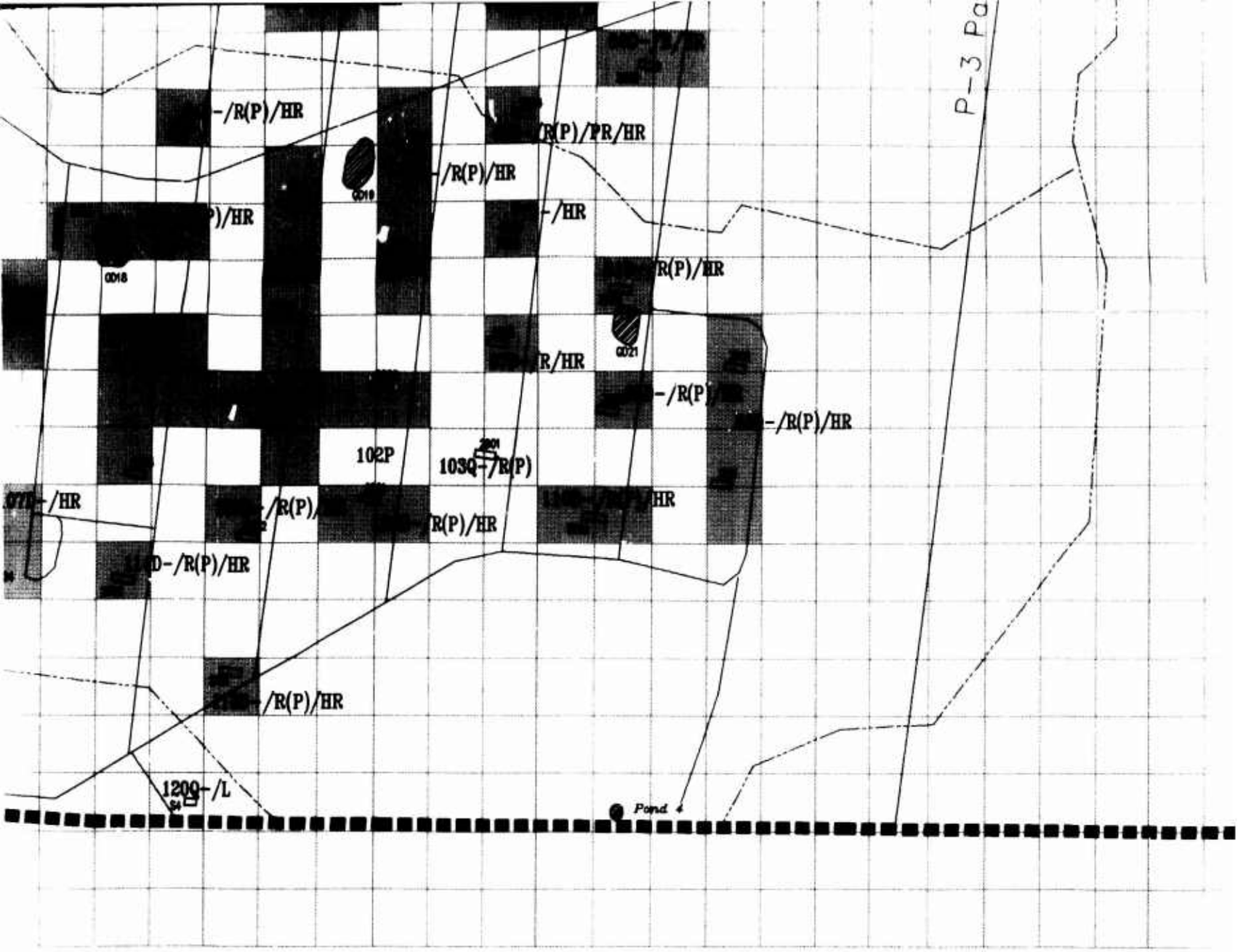
SCALE IN FEET

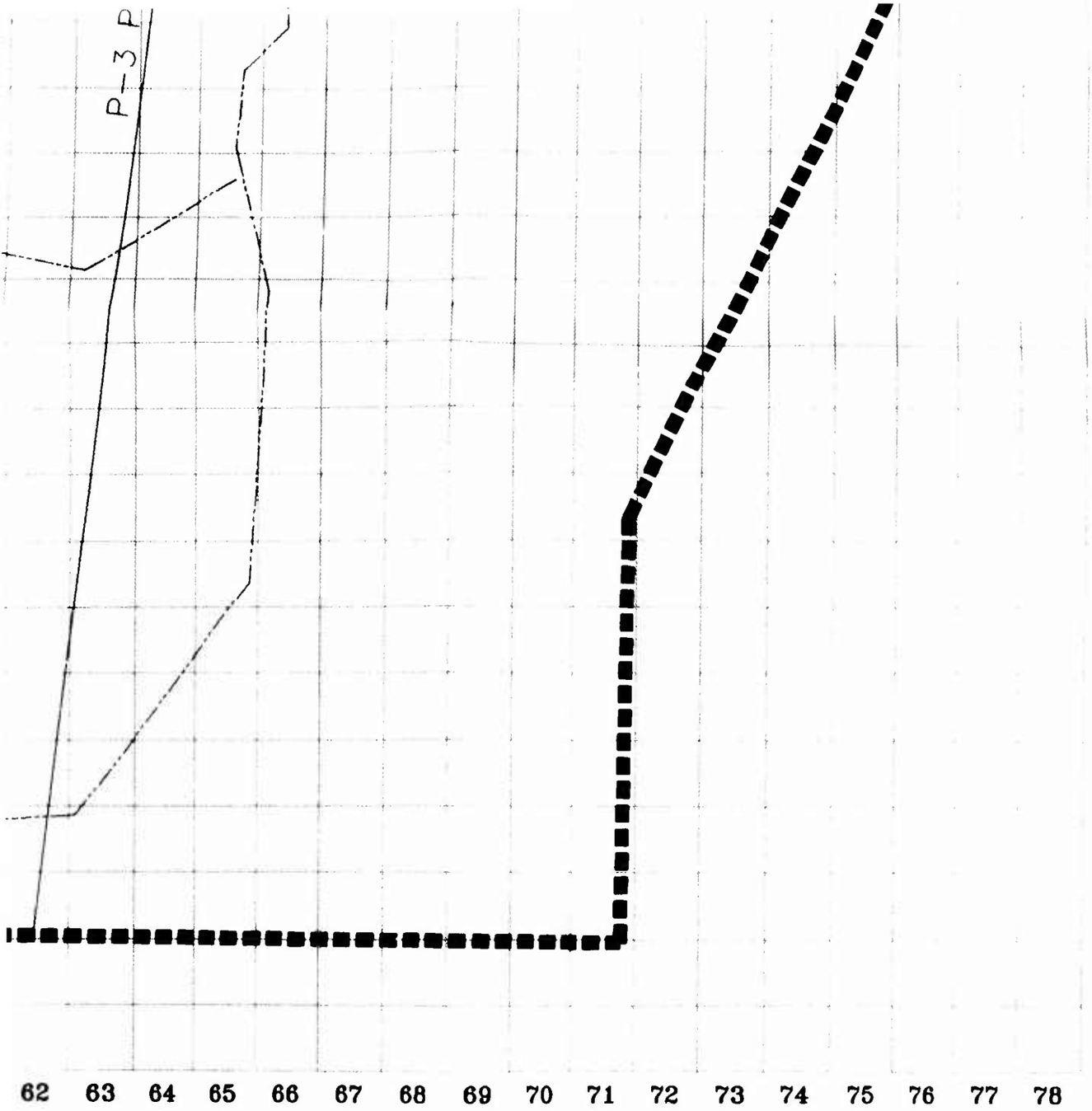


Source: CERFA Report, March 1994


P-3 Po
57P
62P
68P
97P
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34


/R(P)/HR
73P
1100-/L/L/PS
1200-/L
30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51


-/R(P)/HR
R(P)/PR/HR
-/R(P)/HR
-/HR
R(P)/HR
R/HR
-/R(P)
-/R(P)/HR
102P
1030-/R(P)
R(P)/HR
-/R(P)/HR
-/R(P)/HR
1200-/L
Pond 4
P-3 Pa
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67


P-3 P
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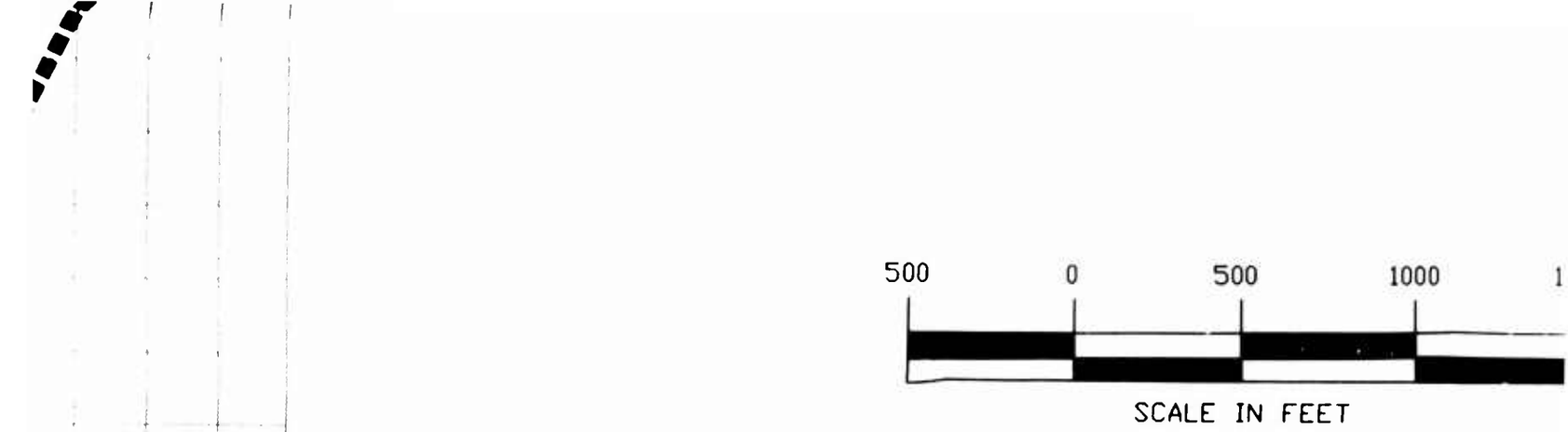
78



75 76 77 78

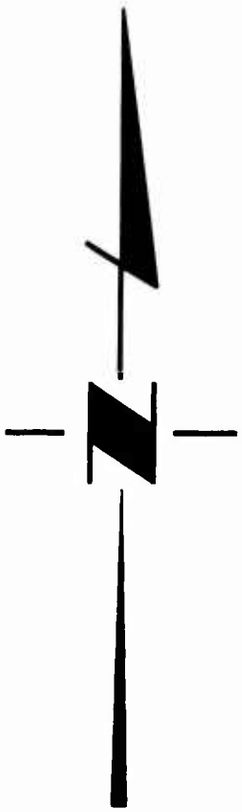
The Earth Tech Corporation

1420 KING STREET SUITE 600, ALEXANDRIA,

FIGURE 5-1
PARCEL DESIGNATION
COOSA RIVER STORAGE
TALLADEGA, ALABA

DRAWN BY: MTM	DESIGNED BY: N/A
CHECKED BY: CF	APPROVED BY: BY
TETC PROJECT NUMBER 931977-04	DRAWING NUMBER SHEET 1 OF 1

SCALE IN FEET



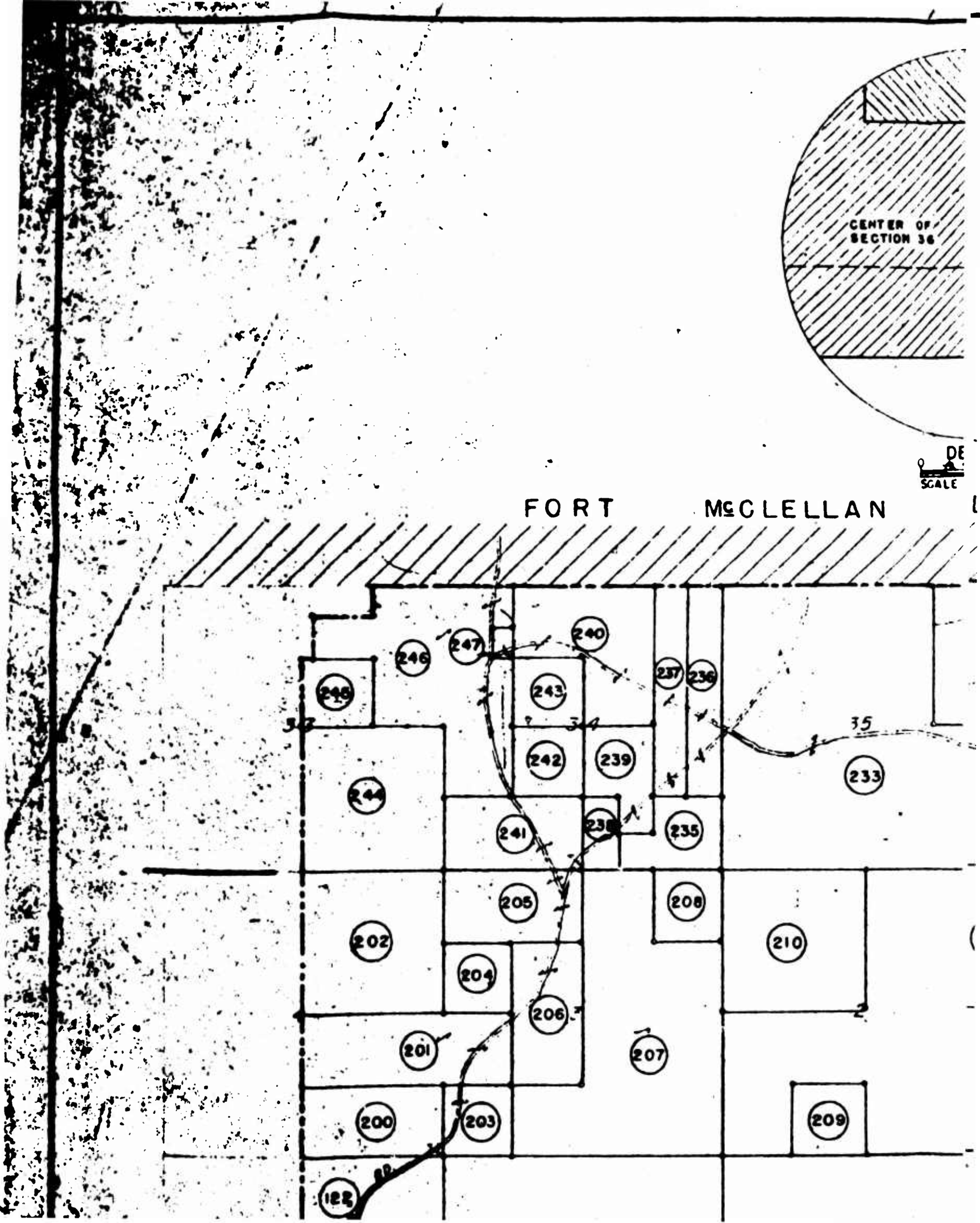
The Earth Technology Corporation

1420 KING STREET SUITE 600, ALEXANDRIA, VIRGINIA 22314

FIGURE 5-1
PARCEL DESIGNATION MAP
COOSA RIVER STORAGE ANNEX
TALLADEGA, ALABAMA

DRAWN BY: MTM	DESIGNED BY: N/A	SCALE: 1" = 500'
CHECKED BY: CF	APPROVED BY: BY	DATE: 03/28/94
TETC PROJECT NUMBER 931977-04	DRAWING NUMBER SHEET 1 OF 1	REV. NO 2

FIGURE 5-2
TRACT MAP, COOSA RIVER STORAGE ANNEX, TALLADEGA, ALABAMA


CENTER OF SECTION 36
SCALE
FORT McCLELLAN
246
247
240
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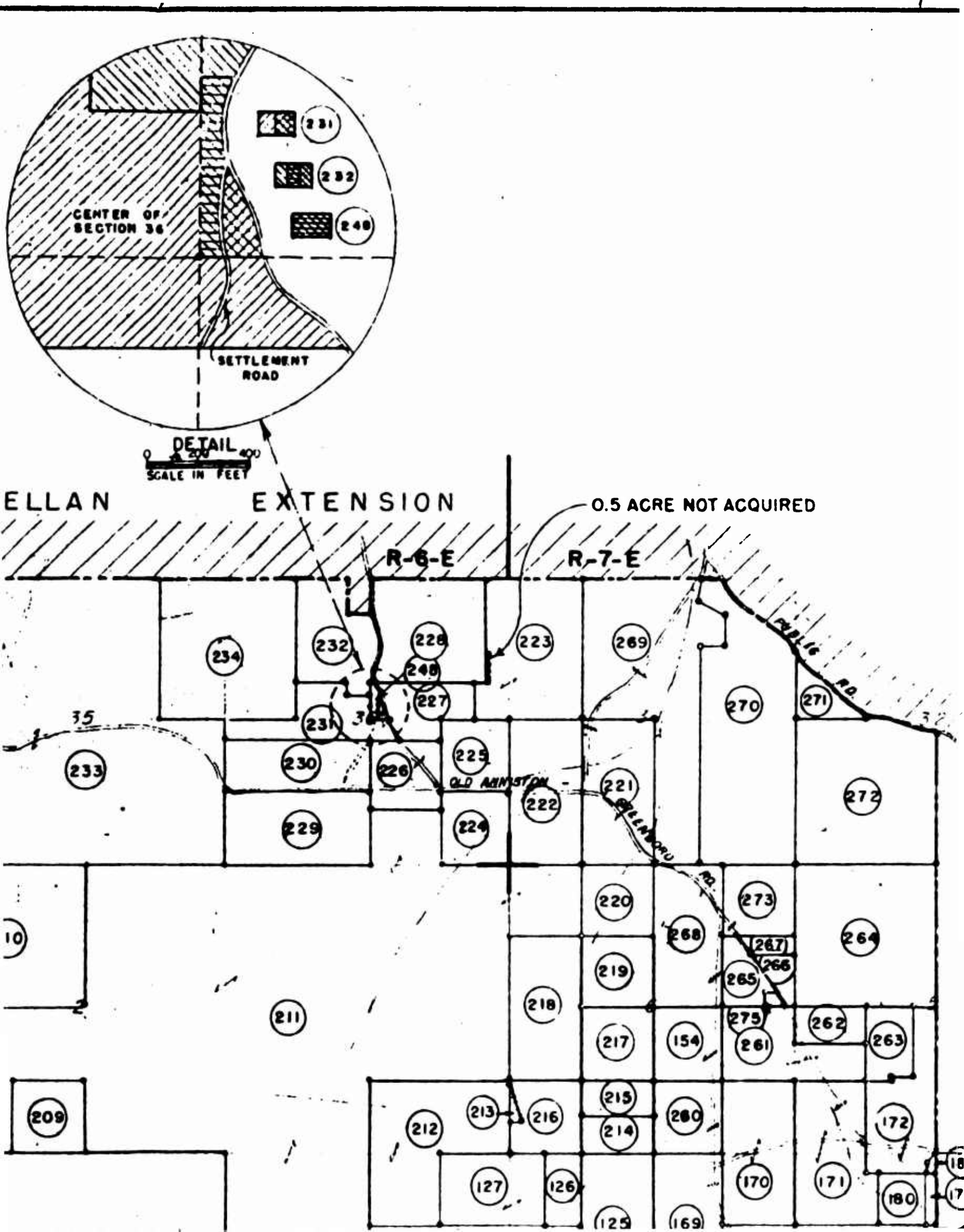
200
203
209
122


CENTER OF SECTION 36
231
232
248
SETTLEMENT ROAD
DETAIL
200
400
SCALE IN FEET
ELLAN
EXTENSION
0.5 ACRE NOT ACQUIRED
R-6-E
R-7-E
PUBLIC RD.
OLD AMISTON -
GREENSBORO RD.
35
36
234
232
228
248
223
269
227
231
270
271
233
230
226
225
221
222
272
229
224
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273
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154
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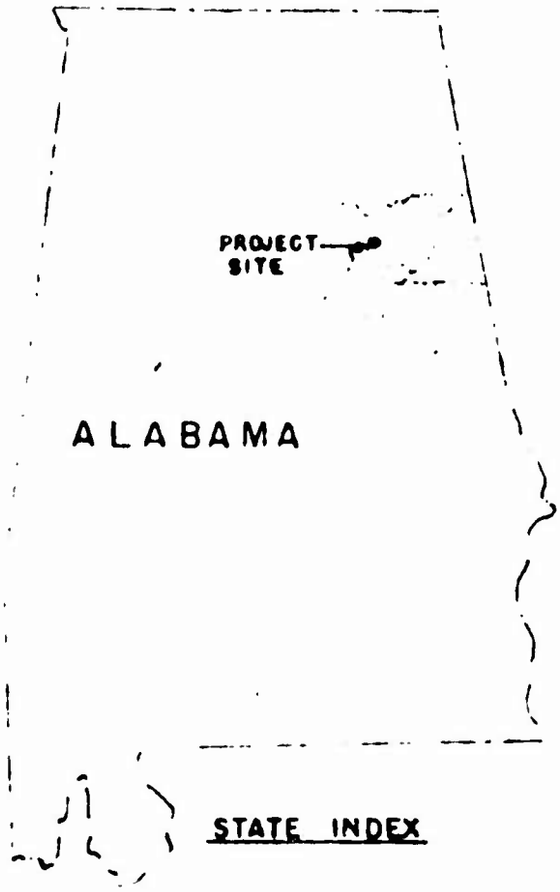
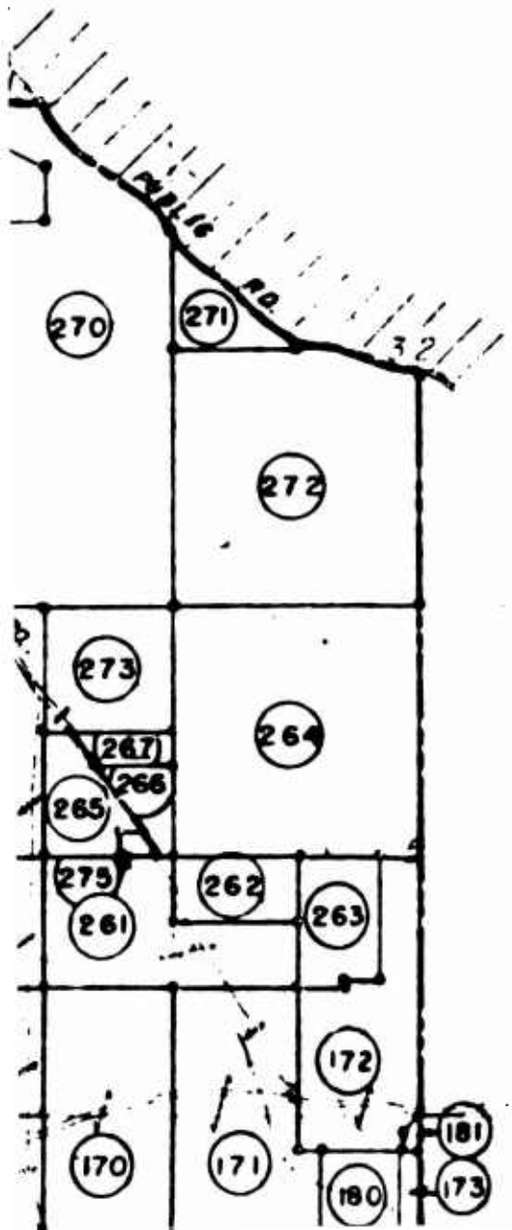
212
214
172
127
126
170
171
180
125
169



STATE INDEX

T ACQUIRED

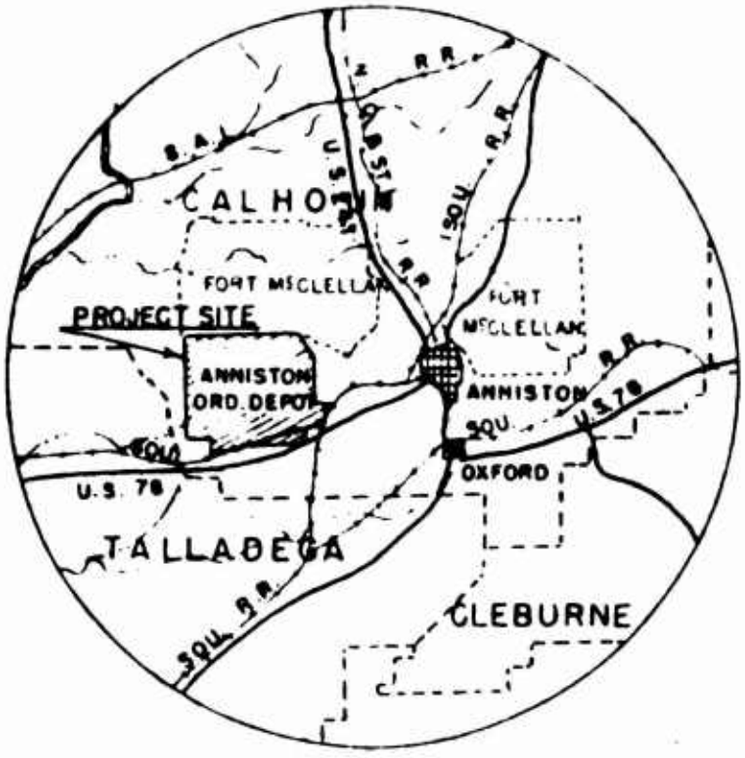


T-15-S

T-16-S

TRACT NO.	V E N
100	J.W. PILKINGTON,
101	R. B. BENTLEY,
102	JOHN E. HARRISON
103	IDA M. GRIFFIS,
104	OSCAR P. BURNS,
105	W. A. HARRIS,
106	MORGAN O. GOMER,
107	OSCAR P. BURNS,
108	BILL TIPPINS,
109	ALABAMA MINERA
110	S. E. BOOZER, ET
111	ALABAMA MINERA
112	J. E. HARRISON, E
113	HENRY P. EZZELL
114	MARY SMITH, ET
115	S. P. WATSON, ET
116	MOLLIE D. HULSEY
117	KATE D LEE,
118	JAMES L. WILDARK
119	CARRYE F. BURN
120	CORA HAYES
121	E.E. AUSTIN, ET UX
122	JAMES W. CRAFT,
123	ANNISTON NATIONA
124	G. C. COLEMAN, E
125	CARTER L. SMITH,
126	HEIRS OF BEN & CAR
127	P P PORTER, ET
128	DEACONS, SPRINGHI
129	ALABAMA MINERAL
140	RAYMOND GLOSSO
141	BERTIE FRANCES
142	ALABAMA MINERAL
143	S. A. SMITH

2-6-41



VICINITY MAP

INDEX

ACT O.	VENDOR	ACREAGE FEE	
0	J.W. PILKINGTON, ET UX.	148.80	
1	R. B. BENTLEY, ET UX.	1.80	
2	JOHN E. HARRISON	1091.23	
3	IDA M. GRIFFIS, ET AL.	71.00	
4	OSCAR P. BURNS, ET AL	14.00	
5	W. A. HARRIS, ET UX.	80.00	
6	MORGAN O. GONER, ET UX.	40.00	
7	OSCAR P. BURNS, ET AL.	199.00	
8	BILL TIPPINS, ET UX.	160.00	
9	ALABAMA MINERAL LAND CO.	200.00	
0	S. E. BOOZER, ET AL	640.00	
1	ALABAMA MINERAL LAND CO.	240.00	
2	J. E. HARRISON, ET AL	80.00	
3	HENRY P. EZZELL	80.00	
4	MARY SMITH, ET AL.	40.00	
5	S. P. WATSON, ET UX.	73.08	
6	MOLLIE D. HULSEY	73.69	
7	KATE D LEE, ET VIR	200.00	
8	JAMES L. WILBANKS, ET UX.	380.00	
9	CARRYE F. BURNS	160.00	
0	CORA HAYES	480.00	
1	E.E. AUSTIN, ET UX	100.00	
2	JAMES W. CRAFT, ET UX.	60.00	
3	ANNISTON NATIONAL BANK, ET AL	40.00	
4	G. C. COLEMAN, ET AL	40.00	
5	CARTER L. SMITH, ET AL.	80.00	
6	HEIRS OF BEN & CARRIE PORTER	20.00	
7	P P PORTER, ET AL	60.00	
8	DEACONS, SPRINGHILL BAPTIST CHURCH	1.00	
9	ALABAMA MINERAL LAND CO.	800.00	
0	RAYMOND GLOSSON, ET UX.	13.58	
1	BERTIE FRANCES HOLTAM, ET VIR	80.00	
2	ALABAMA MINERAL LAND CO.	40.00	
		40.00	

RE-D Unnumbered Did. 9-23-40 & 2-6-41

TRACT NO.	VENDOR
223	ELSIE CORA FREEL, ET AL.
224	J. M. HOPKINS
225	W. E. SEARS ESTATE ET AL
226	JOE E. RANDALL, ET AL.
227	ANNA SWANSON, ET AL.
228	LINDY TURNER, ET AL.
229	B. T. SPARKS, ET UX.
230	J. H. JOHNSTON, ET UX.
231	L. W. JOHNSTON, ET UX.
232	E. L. MCDOWELL, ET UX,
233	ALABAMA MINERAL LAND CO
234	A. W. DANIEL, ET AL.
235	MRS. S. C. GAUTNEY
236	C. L. HEATH, ET UX.
237	J.W. JOHNSON, ET AL.
238	J.E. HARRISON
239	H. G. BAIN, ET UX.
240	CAROLINE W. DRAPER
241	LENA MCMEANS
242	J. E. HARRISON
243	Y. Z CASEY, ET UX
244	ALABAMA MINERAL LAND CO.
245	LUTHER SLAUGHTER, ET UX
246	VUIE MCCULLARS, ET AL.
247	LEILA RAEMON
248	J. H. JOHNSTON, ET UX
260	HEIRS OF BEN & CARRIE PORTER
261	MATILDA HOKE ESTATE
262	HEIRS OF BEN & CARRIE PORTER
263	MRS. IDA M. GRIFFIS
264	MRS E. N. SELLERS, ET AL
265	HERMAN MCCLELLAN
266	JOHN W. ARNOLD, ET UX
267	WILLIAM M. TRUITT

VICINITY MAP

TENTATIVE FIN

STATE ALABAMA

COUNTY CALHOUN

DIVISION SOUTH ATLAN

THIRD ARMY AREA

5 MILES WEST OF ANNIST

MILES OF

— TRANSPORTATION FA(

SOU.

78-241 F

—ACQUISITION—

TOTAL ACRES IN PROJECT

ACRES OWNED IN FEE

ACRES LEASED BY W.D

ACRES LESSER INTERESTS TO V

ACRES TRANSFERRED TO W.D

ACRES DONATED TO W.D

ACRES AVIGATION EASEMENTS

— DISPOSALS —

ACRES SOLD

ACRES TRANSFERRED

ACRES EXCHANGED

CT	VENDOR	ACREAGE FEE	ACREAGE EASEMENT
	ELSIE CORA FREEL, ET AL.	118.00	
	J. M. HOPKINS	40.00	
	W. E. SEARS ESTATE ET AL	40.00	
	JOE E. HANDALL, ET AL.	40.00	
	ANNA SWANSON, ET AL.	37.00	
	LINDY TURNER, ET AL.	90.00	
	B. T. SPARKS, ET UX.	80.00	
	J. H. JOHNSTON, ET UX.	60.00	
	L. W. JOHNSTON, ET UX.	42.00	
	E. L. MCDOWELL, ET UX,	61.00	
	ALABAMA MINERAL LAND CO	560.00	
	A. W. DANIEL, ET AL.	160.00	
	MRS. S. C. GAUTNEY	50.00	
	G. L. HEATH, ET UX.	60.00	
	J.W. JOHNSON, ET AL.	60.00	
	J. E. HARRISON	20.00	
	H. G. BAIN, ET UX.	10.00	
	CAROLINE W. DRAPER	120.00	
	LENA MCMEANS	80.00	
	J. E. HARRISON	40.00	
	V. Z. CASEY, ET UX	40.00	
	ALABAMA MINERAL LAND CO.	160.00	
	LUTHER SLAUGHTER, ET UX	40.00	
	VUIE MCCULLARS, ET AL.	218.50	
	LEILA RAEMON	5.00	
	J. H. JOHNSTON, ET UX	1.00	
	HEIRS OF BEN & CARRIE PORTER	40.00	
	MATILDA HOKE ESTATE	80.00	
	HEIRS OF BEN & CARRIE PORTER	20.00	
	MRS. IDA M. GRIFFIS	24.85	
	MRS E. N. SELLERS, ET AL	160.00	
	HERMAN MCCLELLAN	19.17	
	JOHN W. ARNOLD, ET UX	12.00	
	WILLIAM M. TRUITT	7.50	

TENTATIVE FINAL

STATE ALABAMA

COUNTY CALHOUN

DIVISION SOUTH ATLANTIC

THIRD ARMY AREA

5 MILES WEST OF ANNISTON

MILES OF

TRANSPORTATION FACILITIES

SOU RAI

STATE

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ACQUISITION

ACREAGE	
FEE	EASEMENT
118.00	
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40.00	
37.00	
90.00	
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160.00	
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120.00	
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40.00	
40.00	
160.00	
40.00	
218.80	
5.00	
1.00	
40.00	
80.00	
80.00	
24.85	
160.00	
19.17	
12.00	

TOTAL ACRES IN PROJECT 15246.

ACRES OWNED IN FEE 1/ 15 2[illegible]

ACRES LEASED BY W.D

ACRES LESSER INTERESTS TO W.D. [illegible] 3 1.0

(3) N

ACRES TRANSFERRED TO W.D

ACRES DONATED TO W.D

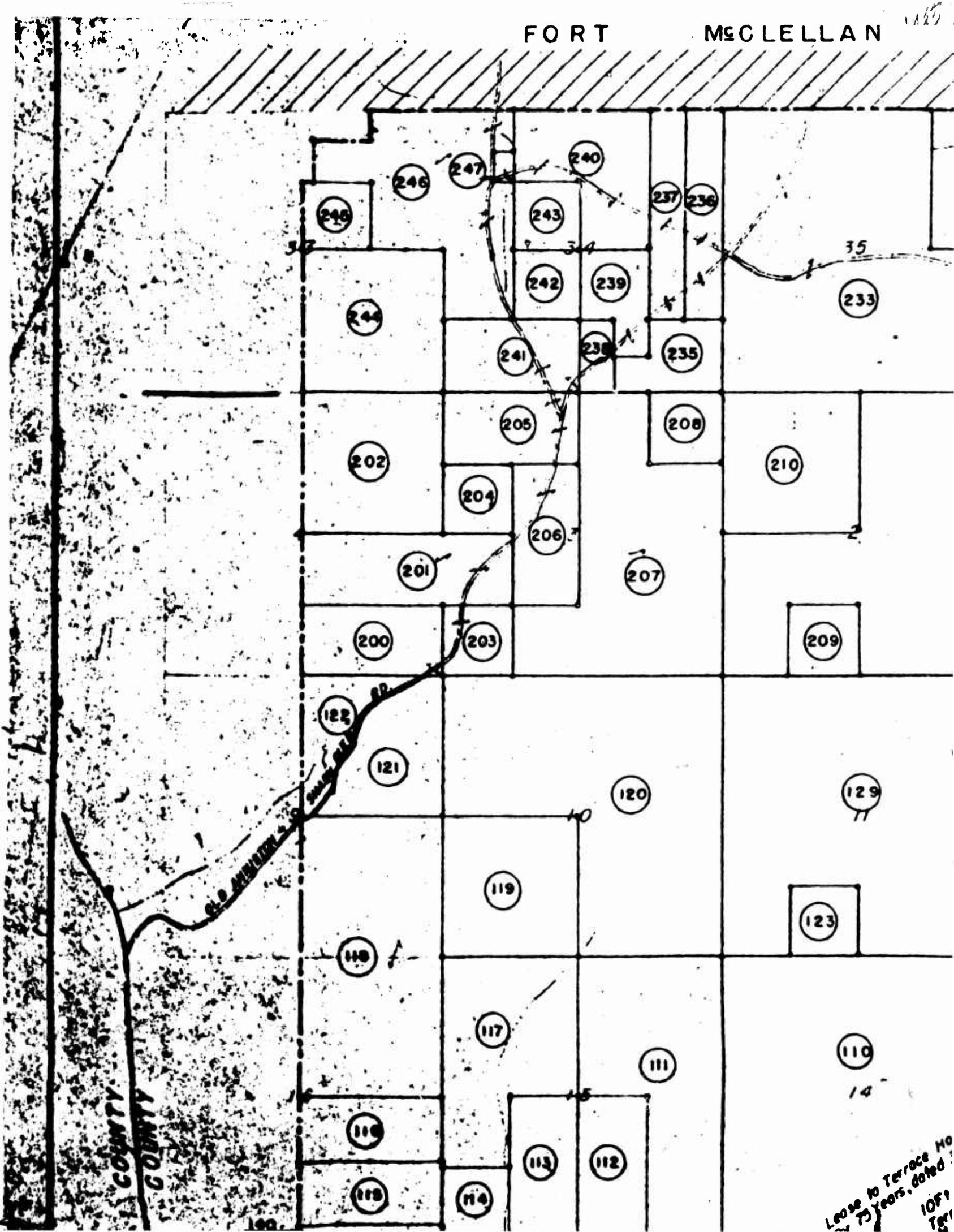
ACRES AVIGATION EASEMENTS TO W.D.

DISPOSALS

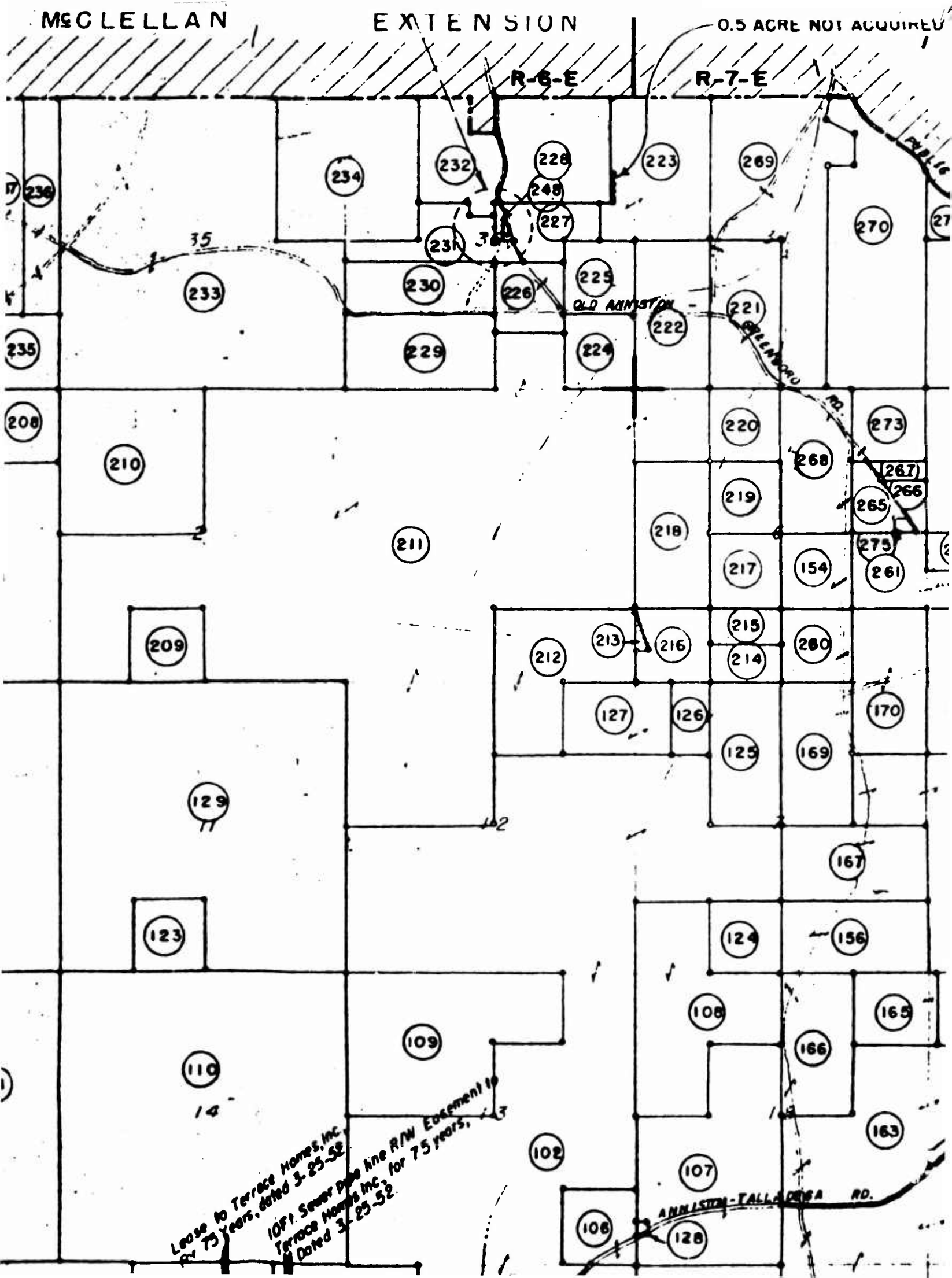
ACRES SOLD

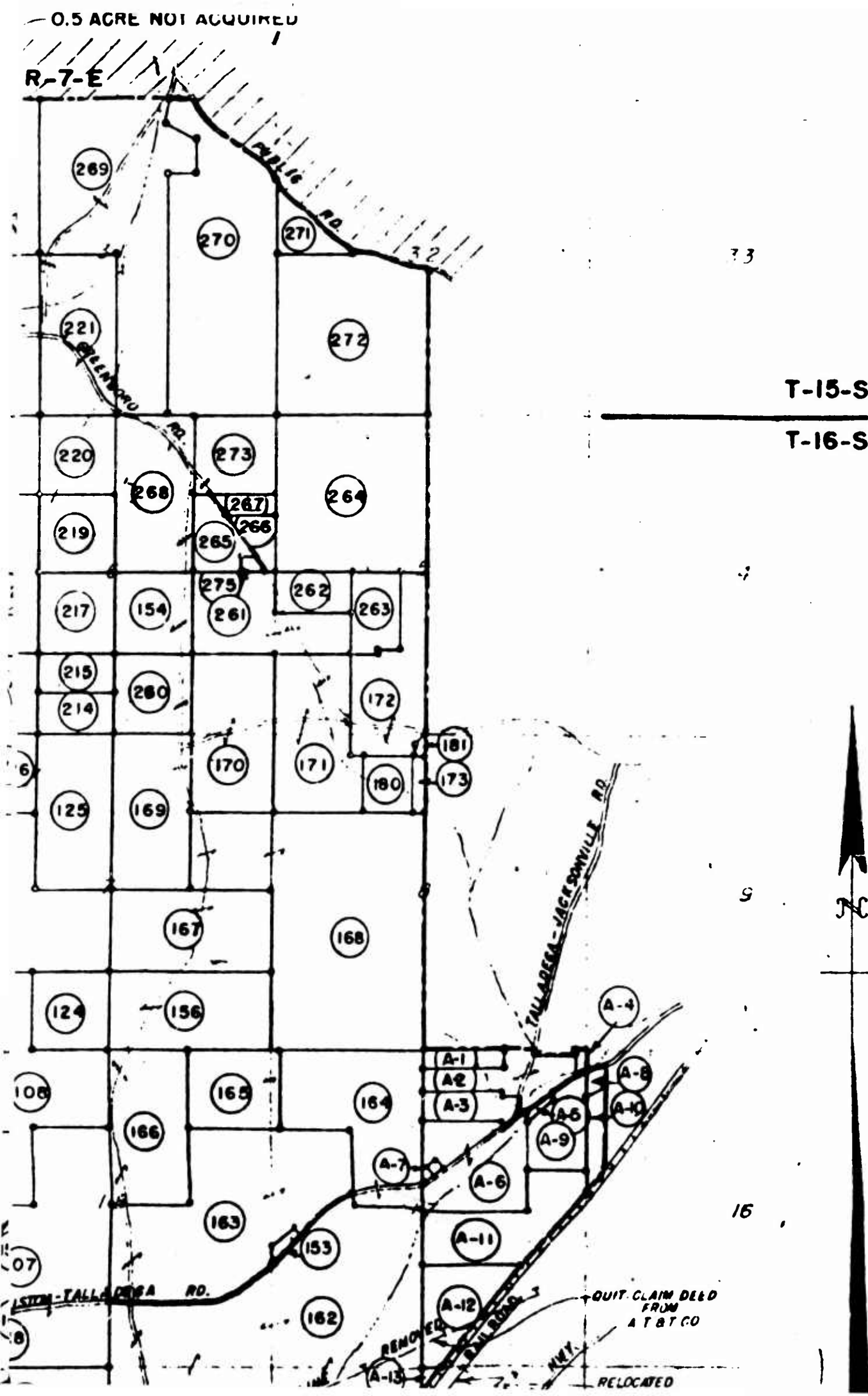
ACRES TRANSFERRED

ACRES EXCHANGED



Lease to Terrace Ho
for 75 years, dated
10F
Ter


McCLELLAN
EXTENSION
0.5 ACRE NOT ACQUIRED
R-6-E
R-7-E
OLD ANNISTON - ELEMORO RD.
ANNISTON-TALLADEGA RD.
Lease to Terrace Homes, Inc. for 75 years, dated 3-25-52
10Ft. Sewer Pipe line R/W Easement to Terrace Homes, Inc. for 75 years, Dated 3-25-52



TRACT NO.
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RE-D Unnumbered Dtd. 9-23-40 & 2-6-41

T-15-S

T-16-S

RE-D Unnumbered Did. 9-23-40 & 2-6-41

TRACT NO.	VENDOR	ACREAGE FEE	
100	J.W. PILKINGTON, ET UX.	148.80	
101	R. B. BENTLEY, ET UX.	1.50	
102	JOHN E. HARRISON	1091.23	
103	IDA M. GRIFFIS, ET AL.	71.00	
104	OSCAR P. BURNS, ET AL	14.00	
105	W. A. HARRIS, ET UX.	80.00	
106	MORGAN O. GOMER, ET UX.	40.00	
107	OSCAR P. BURNS, ET AL.	199.00	
108	BILL TIPPINS, ET UX.	160.00	
109	ALABAMA MINERAL LAND CO.	200.00	
110	S. E. BOOZER, ET AL	640.00	
111	ALABAMA MINERAL LAND CO.	240.00	
112	J. E. HARRISON, ET AL	80.00	
113	HENRY F. EZZELL	80.00	
114	MARY SMITH, ET AL.	40.00	
115	S. P. WATSON, ET UX.	73.08	
116	MOLLIE D. HULSEY	73.69	
117	KATE D LEE, ET VIR	200.00	
118	JAMES L. WILBANKS, ET UX.	320.00	
119	CARRYE F. BURNS	160.00	
120	CORA HAYES	480.00	
121	E.E. AUSTIN, ET UX	100.00	
122	JAMES W. CRAFT, ET UX.	60.00	
123	ANNISTON NATIONAL BANK, ET AL	40.00	
124	G. C. COLEMAN, ET AL	40.00	
125	CARTER L. SMITH, ET AL.	80.00	
126	HEIRS OF BEN & CARRIE PORTER	20.00	
127	P P PORTER, ET AL	60.00	
128	DEACONS, SPRINGHILL BAPTIST CHURCH	1.00	
129	ALABAMA MINERAL LAND CO.	800.00	
140	RAYMOND GLOSSON, ET UX.	13.58	
141	BERTIE FRANCES HOLTAM, ET VIR	80.00	
142	ALABAMA MINERAL LAND CO.	40.00	
143	S. A. SMITH	40.00	
144	WOODSTOCK LAND & MINERAL CO.	40.00	
145	J. J. INGRAM ESTATE	40.00	
146	MRS J R (IDA) HARPER, ET AL.	59.75	
147	M. N. ELEY	20.25	
148	SAMUEL W. MILLER	240.00	
149	G. S BLACK, ET UX.	160.00	
150	D. E. HOLMES, ET UX	130.00	
151	SOUTHERN RAILWAY CO.	3.00	RE-D 4173
152	LEONARD YATES	1.00	
153	J.D. SPEARS, ET AL.	2.70	
154	JOHN WESLEY PORTER	40.00	
156	GEORGE C. COLEMAN, ET AL.	80.00	
160	JOHN E. HARRISON	20.00	
161	EMMETT C. WILSON	7.80	
162	W A. HARRIS, ET UX.	386.00	
163	OSCAR P. BURNS, ET AL.	184.30	
164	GEORGE C. COLEMAN, ET UX.	116.00	
165	J.D. SPEARS, ET AL.	44.00	
166	GEORGE C. COLEMAN, ET AL.	80.00	
167	P. M. DAVIS ESTATE	80.00	
168	W. P. ACKER ESTATE	280.00	
169	CARTER L. SMITH	80.00	
170	CLARENCE BATCHER	80.00	
171	WILLIE MAE BURGESS, ET AL.	88.00	
172	EDGAR W. MEHAFFEY, ET UX.	64.18	
173	CHARLES M. HATHORN, ET UX	4.18	
180	SARAH F. TURNER	19.77	
181	SARAH F. TURNER	1.00	
200	FIRST NATIONAL BANK OF ANNISTON	80.00	
201	L. J. CASEY, ET UX	120.00	

RE-D Unnumbered Did. 9-23-40 & 2-6-41

RE-D 537

TRACT NO.	V
223	ELSIE CORA
224	J.M. HOPKINS
225	W E SEARS
226	JOE E. HAND
227	ANNA SWANS
228	LINDY TURN
229	B.T. SPARK
230	J H. JOHNSTO
231	L. W JOHNST
232	E L MCDOWEL
233	ALPHA M
234	A. W. DAN
235	MRS. S. C. G
236	C. L. HEATH,
237	J.W JOHNSON
238	J.E. HARRISO
239	H G. BAIN ,
240	CAROLINE W
241	LENA MCM
242	J. E. HARRISO
243	Y. Z. CASEY,
244	ALABAMA
245	LUTHER SL
246	VUIE MCCUL
247	LEILA RAE
248	J. H. JOHNSTO
260	HEIRS OF BE
261	MATILDA H
262	HEIRS OF BE
263	MRS. IDA M.
264	MRS E. M. S
265	HERMAN M
266	JOHN W. AR
267	WILLIAM M
268	IDA V. BAT
269	ELSIE COR
270	MILDRED BO
271	MC GRUDER
272	JAMES E. M
273	VESTER TR
275	LLOYD UNI
276-L	SOUTHERN R
	ADDI
A-1	ESTEL GRIF
A-2	THOMAS A
A-3	ROBERT PET
A-4	C N. & LUL
A-5	DAN W. WI
A-6	GEORGE C
A-7	A. FREEMAN
A-8	MRS. JOHNNI
A-9	ELLIS B. B
A-10	W. E. ERVIN
A-11	WILLIE MAE
A-12	MARIE L.
A-13	J. GROVER
	CHANNE
B-1	J. B. MURPH
B-2	W. A. HARR
B-3	LEONARD
B-4	EMMETT C

SAF

VENDOR	ACREAGE FEE	
KINGTON, ET UX.	148.80	
NTLEY, ET UX.	1.50	
HARRISON	1091.23	
GRIFFIS, ET AL.	71.00	
P. BURNS, ET AL	14.00	
IARRIS, ET UX.	80.00	
O. GOMER, ET UX.	40.00	
P. BURNS, ET AL.	199.00	
IPPINS, ET UX.	160.00	
A MINERAL LAND CO.	200.00	
OZER, ET AL.	640.00	
IA MINERAL LAND CO.	240.00	
RRISON, ET AL	80.00	
F. EZZELL	80.00	
SMITH, ET AL.	40.00	
LTSON, ET UX.	73.08	
D. HULSEY	73.69	
D LEE, ET VIR	200.00	
L. WILBANKS, ET UX.	360.00	
F. BURNS	160.00	
HAYES	480.00	
STIN, ET UX	100.00	
W. CRAFT, ET UX.	80.00	
IN NATIONAL BANK, ET AL	40.00	
OLEMAN, ET AL	40.00	
L. SMITH, ET AL.	80.00	
BEN & CARRIE PORTER	20.00	
IRTER, ET AL	60.00	
IS, SPRINGHILL BAPTIST CHURCH	1.00	
SA MINERAL LAND CO.	800.00	
ID GLOSSON, ET UX.	13.58	
FRANCES HOLTAM, ET VIR	80.00	
A MINERAL LAND CO.	40.00	
ITH	40.00	
TOCK LAND & MINERAL CO.	40.00	
GRAM ESTATE	40.00	
B.(IDA) HARPER, ET AL.	59.75	
ELEY	20.25	
W. MILLER	240.00	
LACK, ET UX.	160.00	
OLMES, ET UX	130.00	
RN RAILWAY CO.	3.00	RE-D 4173
D YATES	1.00	
ARS, ET AL.	2.70	
WESLEY PORTER	40.00	
C. COLEMAN, ET AL.	80.00	
. HARRISON	20.00	
T C. WILSON	7.80	
ARRIS, ET UX.	386.00	
P. BURNS, ET AL.	184.30	
C. COLEMAN, ET UX.	118.00	
ARS, ET AL.	44.00	
C COLEMAN, ET AL.	80.00	
VIS ESTATE	80.00	
CKER ESTATE	280.00	
L. SMITH	80.00	
GE SATCHER	80.00	
MAE BURGESS, ET AL.	80.00	
W. MEHAFFEY, ET UX.	64.18	
S M. HATHORN, ET UX	4.18	
F. TURNER	19.77	
F. TURNER	1.00	
ATIONAL BANK OF ANNISTON	80.00	

RE-D 9-23-40 & 2-6-41 Did. RE-D Unnumbered

RE-D 537

TRACT NO.	VENDOR	ACREAGE FEE	EAS
223	ELSIE CORA FREEL, ET AL.	112.00	
224	J. M. HOPKINS	40.00	
225	W. E. SEARS ESTATE ET AL	40.00	
226	JOE E. HANDALL, ET AL.	40.00	
227	ANNA SWANSON, ET AL.	37.00	
228	LINDY TURNER, ET AL.	90.00	
229	G. T. SPARKS, ET UX.	80.00	
230	J. M. JOHNSTON, ET UX.	60.00	
231	L. W. JOHNSTON, ET UX	42.00	
232	E. L. MCDOWELL, ET UX,	61.00	
233	ALABAMA MINERAL LAND CO	560.00	
234	A. W. DANIEL, ET AL.	160.00	
235	MRS. S. C. GAUTNEY	50.00	
236	G. L. HEATH, ET UX	60.00	
237	J.W. JOHNSON, ET AL.	60.00	
238	J.E. HARRISON	20.00	
239	H. G. BAIN, ET UX.	50.00	
240	CAROLINE W. DRAPER	120.00	
241	LENA MCMEANS	80.00	
242	J. E. HARRISON	40.00	
243	Y. Z CASEY, ET UX	40.00	
244	ALABAMA MINERAL LAND CO	160.00	
245	LUTHER SLAUGHTER, ET UX	40.00	
246	VUIE MCCULLARS, ET AL.	218.50	
247	LEILA RAEMON	5.00	
248	J. M JOHNSTON, ET UX	1.00	
260	HEIRS OF BEN & CARRIE PORTER	40.00	
261	MATILDA HOKE ESTATE	80.00	
262	HEIRS OF BEN & CARRIE PORTER	20.00	
263	MRS. IDA M. GRIFFIS	24.85	
264	MRS E. M. SELLERS, ET AL	160.00	
265	HERMAN MCCLELLAN	19.17	
266	JOHN W. ARNOLD, ET UX	12.00	
267	WILLIAM M TRUITT	7.50	
268	IDA V. BATTLE	80.00	
269	ELSIE CORA FREEL, ET VIR	188.85	
270	MILDRED BOOZER PIRKLE, ET VIR.	188.85	
271	MC GRUDER BUSH, ET UX.	13.00	
272	JAMES E. MARTIN, ET UX	158.00	
273	VESTER TRUITT	40.00	
275	LLOYD UNION SCHOOL	1.33	
276-L	SOUTHERN RAILWAY CO		NO (LI
	ADDITION		
A-1	ESTEL GRIFFIN, ET UX.	8.00	
A-2	THOMAS A HINDS, ET UX.	29.87	
A-3	ROBERT PETTUS PRJETT, JR., ET UX.	16.80	
A-4	C. N. & LULA MAY DEAN	1.33	
A-5	DAN W. WILKINSON, ET UX.	2.00	
A-6	GEORGE C. COLEMAN, ET UX.	84.92	
A-7	A. FREEMAN MIXON, ET UX	1.68	
A-8	MRS. JOHNNIE LANEY SKELTON	3.00	
A-9	ELLIS B. & LOU THELLA MURPHREE	29.00	
A-10	W. E. ERVIN, ET UX.	9.00	
A-11	WILLIE MAE BURGESS, ET AL.	87.00	
A-12	MARIE L. BURKE	38.00	
A-13	J. GROVER MURPHREE	1.80	
	CHANNEL CLEARANCE		
B-1	J. B. MURPHREE, ET UX.	0.20	
B-2	W. A. HARRIS, ET UX	3.00	
B-3	LEONARD YATES	4.90	
B-4	EMMETT C. WILSON		

VENDOR	ACREAGE FEE	ACREAGE EASEMENT
ORA FREEL, ET AL.	118.00	
KINS	40.00	
ARS ESTATE ET AL	40.00	
ANDALL, ET AL.	40.00	
WANSON, ET AL.	37.00	
TURNER, ET AL.	90.00	
ARKS, ET UX.	80.00	
INSTON, ET UX.	60.00	
INSTON, ET UX.	42.00	
OWELL, ET UX,	61.00	
MINERAL LAND CO	560.00	
DANIEL, ET AL.	160.00	
C GAUTNEY	50.00	
ATH, ET UX	60.00	
ISON, ET AL.	60.00	
RISON	20.00	
IN , ET UX.	50.00	
E W DRAPER	120.00	
MCMEANS	80.00	
RISON	40.00	
SEY, ET UX	40.00	
A MINERAL LAND CO.	160.00	
SLAUGHTER, ET UX	40.00	
CULLARS, ET AL.	218.50	
RAEMON	5.00	
INSTON, ET UX	1.00	
F BEN & CARRIE PORTER	40.00	
HOKE ESTATE	80.00	
F BEN & CARRIE PORTER	80.00	
A M. GRIFFIS	24.85	
M. SELLERS, ET AL	160.00	
MCCLELLAN	19.17	
ARNOLD, ET UX	12.00	
M M TRUITT	7.50	
BATTLE	80.00	
CORA FREEL, ET VIR	188.85	
BOOZER PIRKLE, ET VIR.	188.85	
DER BUSH, ET UX.	13.00	
E. MARTIN, ET UX.	159.00	
TRUITT	40.00	
UNION SCHOOL	1.33	
RN RAILWAY CO		NO AREA (LICENSE)
ODITION		
GRIFFIN, ET UX.	8.00	
A HINES, ET UX.	29.67	
PETTUS PRUETT, JR., ET UX.	16.80	
LULA MAY DEAN	1.33	
WILKINSON, ET UX.	2.00	
C. COLEMAN, ET UX.	64.92	
MAN MIXON, ET UX	1.00	
INNIE LANEY SKELTON	3.00	
& LOU THELLA MURPHREE	29.00	
RVIN, ET UX.	9.00	
MAE BURGESS, ET AL.	57.00	
L. BURKE	38.00	
ER MURPHREE	1.80	
NEL CLEARANCE		
URPHREE, ET UX.	0.20	
ARRIS, ET UX	3.00	
D YATES	4.90	
C. WILSON		5.10
SAFETY ZONE		

STATE

78-241 FEDERAL

A

ACQUISITION

TOTAL ACRES IN PROJECT 15.245

ACRES OWNED IN FEE 11/15.2[illegible]

ACRES LEASED BY W.D

ACRES LESSER INTERESTS TO W.D (3) (3) N

ACRES TRANSFERRED TO W.D

ACRES DONATED TO W.D

ACRES AVIGATION EASEMENTS TO W.D

DISPOSALS

ACRES SOLD

ACRES TRANSFERRED

ACRES EXCHANGED

ACRES OTHERWISE * (1) PERMIT

LEGEND

RESERVATION LINE

STATE OR PROVINCE LINE

COUNTY LINE

CIVIL DISTRICT PRECINCT

LAND-GRANT LINE

CITY, VILLAGE, OR BOROUGH

CEMETERY, SMALL PARK, ETC.

TOWNSHIP LINE

SECTION LINE

AVIGATION EASEMENT

ACREAGE	
FEE	EASEMENT
112.00	
40.00	
40.00	
40.00	
37.00	
90.00	
80.00	
60.00	
42.00	
61.00	
560.00	
160.00	
50.00	
60.00	
60.00	
20.00	
50.00	
120.00	
80.00	
40.00	
40.00	
160.00	
40.00	
218.50	
8.00	
1.00	
40.00	
60.00	
20.00	
24.85	
160.00	
19.17	
12.00	
7.50	
80.00	
188.85	
188.85	
13.00	
158.00	
40.00	
1.33	
	NO AREA (LICENSE)
8.00	
29.67	
16.80	
1.33	
2.00	
84.98	
1.88	
3.00	
89.00	
9.00	
87.00	
38.00	
1.80	
0.20	
3.00	
4.90	
	5.10
13.00	

STATE

78-241 FEDERAL

AR

ACQUISITION

TOTAL ACRES IN PROJECT 15,245.05

ACRES OWNED IN FEE 1/15,2[illegible]

ACRES LEASED BY W.D

ACRES LESSER INTERESTS TO W.D (3) 31.07

(3) NO

ACRES TRANSFERRED TO W.D

ACRES DONATED TO W.D

ACRES AVIGATION EASEMENTS TO W.D

DISPOSALS

ACRES SOLD

ACRES TRANSFERRED

ACRES EXCHANGED

ACRES OTHERWISE * (1) PERMIT

LEGEND

RESERVATION LINE

STATE OR PROVINCE LINE

COUNTY LINE

CIVIL DISTRICT PRECINCT

LAND-GRANT LINE

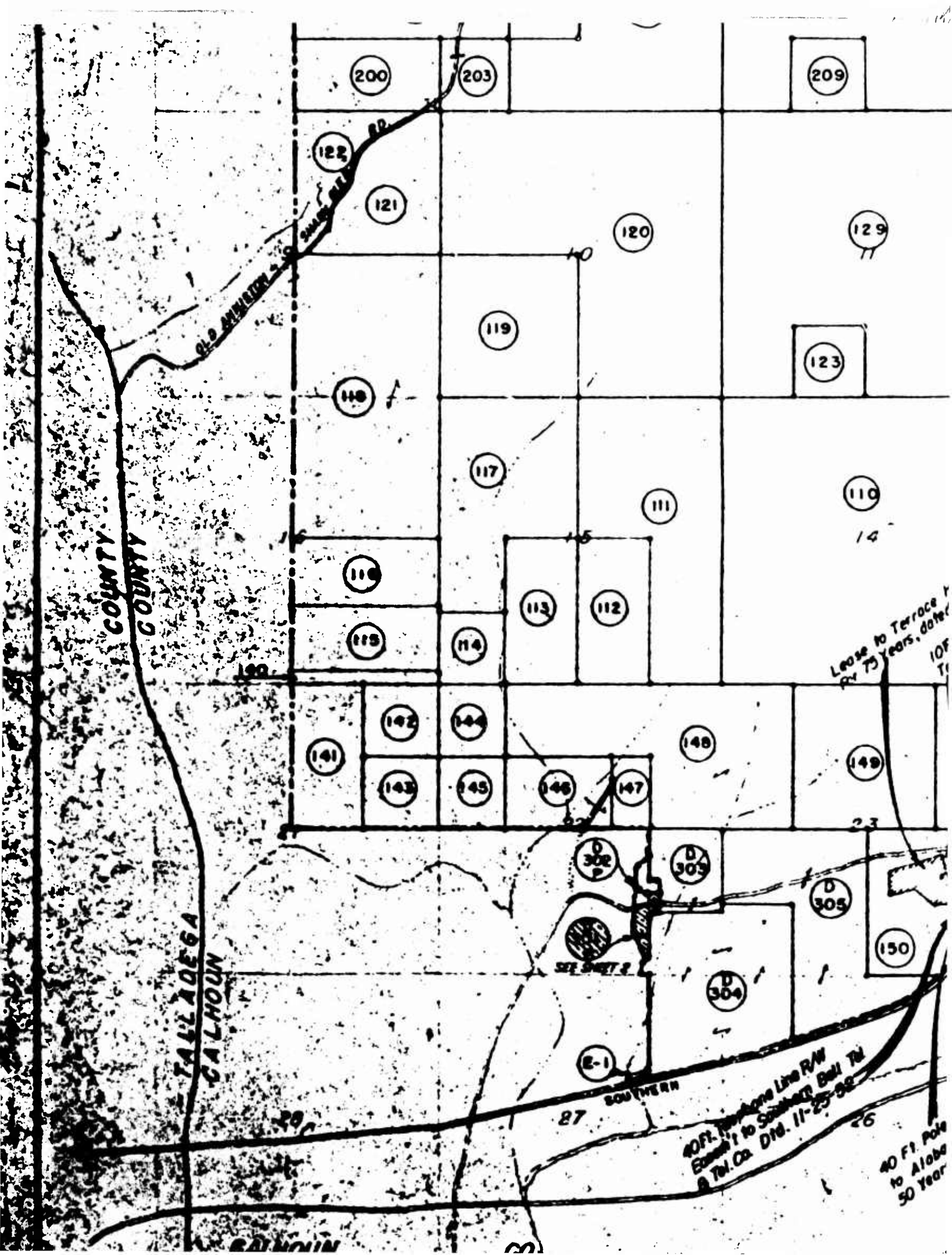
CITY, VILLAGE, OR BOROUGH

CEMETERY, SMALL PARK, ETC

TOWNSHIP LINE

SECTION LINE

AVIGATION EASEMENT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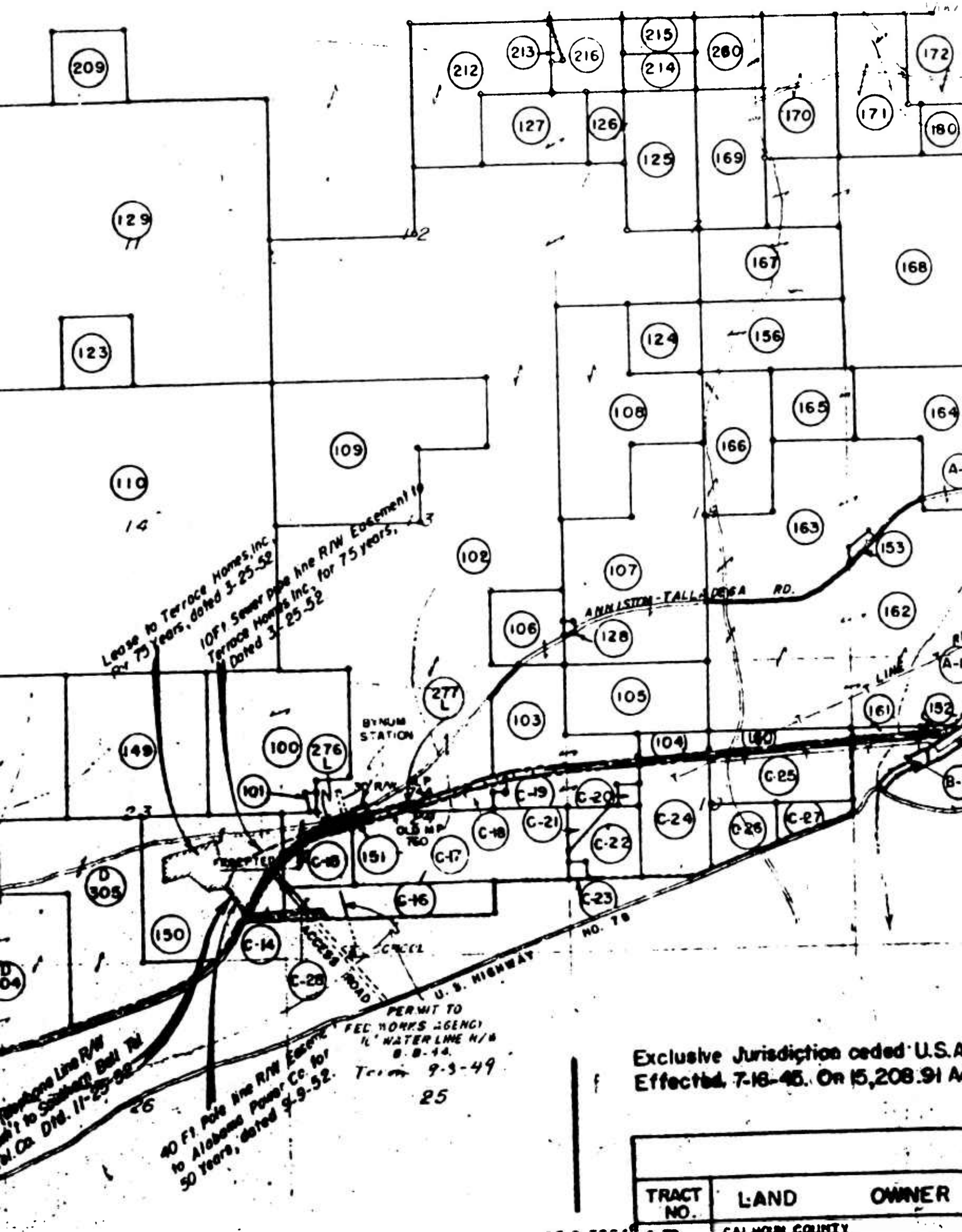
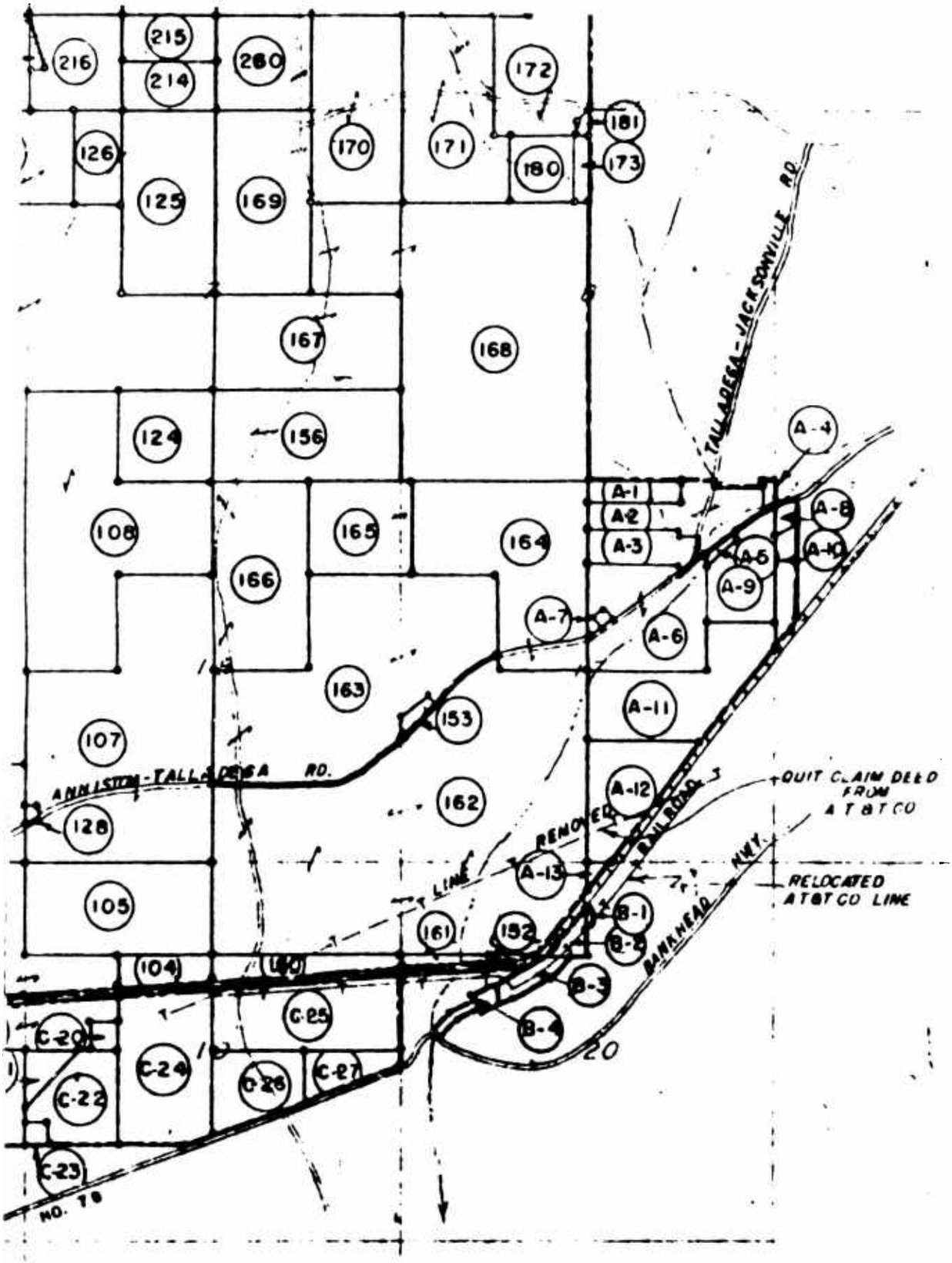
D 304
E-1
SOUTHERN
27
26
CALHOUN
TALLADEGA
COUNTY
Lease to Terrace
for 75 Years, date



TRACT NO.	LAND	OWNER
	CALHOUN COUNTY	

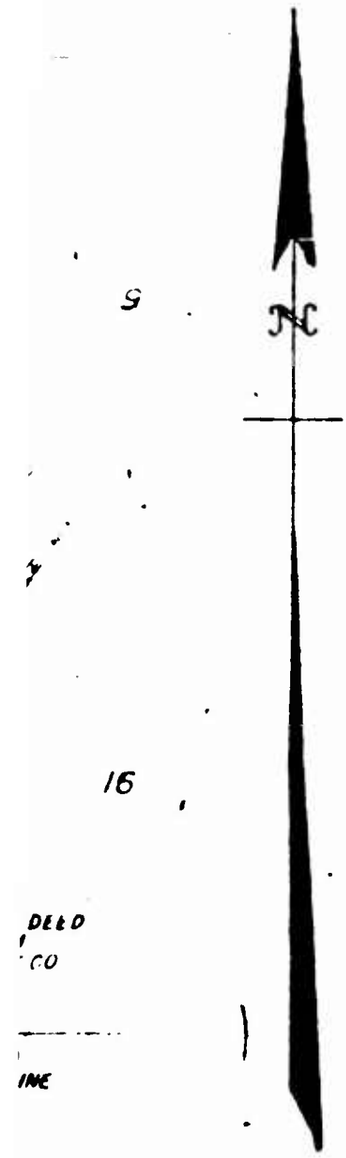


RE-D Unnumbered Dtd. 9-23-40 & 2-6-41

Exclusive Jurisdiction ceded U.S.A. 6-22-45.
Effected. 7-16-46. On 15,208.91 Acres Fee Land.

ACQUISITION TRACT R

TRACT NO.	LAND OWNER	ACREAGE FEE	PERMIT	LICENSE
	CALHOUN COUNTY	8.07		



127	P. P. PORTER, ET AL.				
128	DEACONS, SPRINGHILL BAPTIST CHURCH	1.00			262
129	ALABAMA MINERAL LAND CO.	800.00			263
140	RAYMOND GLOSSON, ET UX.	1.38			264
141	BERTIE FRANCES HOLTAM, ET VIR	80.00			265
142	ALABAMA MINERAL LAND CO.	40.00			266
143	S. A. SMITH	40.00			267
144	WOODSTOCK LAND & MINERAL CO.	40.00			268
145	J. J. INGRAM ESTATE	40.00			269
146	MRS. J. B. (IDA) HARPER, ET AL.	59.75			270
147	M. N. ELEY	20.25			271
148	SAMUEL W. MILLER	240.00			272
149	G. S. BLACK, ET UX.	160.00			273
150	D. E. HOLMES, ET UX	130.00			275
151	SOUTHERN RAILWAY CO.	3.00	RE-D 4173		276-L
152	LEONARD YATES	1.00			
153	J.D. SPEARS, ET AL.	2.70			A-1
154	JOHN WESLEY PORTER	40.00			A-2
156	GEORGE C. COLEMAN, ET AL.	80.00			A-3
160	JOHN E. HARRISON	20.00			A-4
161	EMMETT C. WILSON	7.80			A-5
162	W. A. HARRIS, ET UX.	386.00			A-6
163	OSCAR P. BURNS, ET AL.	184.30			A-7
164	GEORGE C. COLEMAN, ET UX.	116.00			A-8
165	J.D. SPEARS, ET AL.	44.00			A-9
166	GEORGE C. COLEMAN, ET AL.	80.00			A-10
167	P. M. DAVIS ESTATE	80.00			A-11
168	W. P. ACKER ESTATE	280.00			A-12
169	CARTER L. SMITH	80.00			A-13
170	CLARENCE SATCHER	80.00			
171	WILLIE MAE BURGESS, ET AL.	86.00			
172	EDGAR W. MEHAFFEY, ET UX.	64.18			B-1
173	CHARLES M. HATHORN, ET UX.	4.19			B-2
180	SARAH F. TURNER	19.77			B-3
181	SARAH F. TURNER	1.00			B-4
200	FIRST NATIONAL BANK OF ANNISTON	80.00			
201	L. J. CASEY, ET UX.	120.00			
202	ADDIE SUMMARELL, ET AL.	160.00			C-14
203	FANNIE C. GOODWIN, ET AL.	40.00			C-15
204	ALABAMA MINERAL LAND CO.	40.00			C-16
205	DOLLIE HUGHES, ET AL.	80.00			C-17
206	FANNIE C. GOODWIN, ET AL.	80.00			C-18
207	ALABAMA MINERAL LAND CO.	320.00			C-19
208	MARY S. SMITH	40.00			C-20
209	ANNISTON NATIONAL BANK	40.00			C-21
210	RILEY DUTTON, ET UX.	160.00			C-22
211	FIRST NATIONAL BANK OF ANNISTON	1230.00			C-23
212	NATTIE O. BOOZER, ET AL.	120.00			C-24
213	JOHN W. ARNOLD, ET UX.	1.31			C-25
214	HEIRS OF BEN & CARRIE PORTER, ET AL.	20.00			C-26
215	P. P. PORTER, ET AL.	20.00			C-27
216	GEORGE PORTER, ET UX.	38.69			
217	WILLIE MAE BURGESS, ET AL.	40.00			
218	C. D. FINLAY, ET UX.	80.00			D-303
219	LUTHER SMITH, ET UX.	80.00			D-304
220	IDA V. BATTLE	40.00			D-308
221	FIRST NATIONAL BANK OF ANNISTON	80.00			
222	LEBA GEARS	80.00			
					E-1

RE-D Unnumbered Dtd. 9-23-40 & 2-6-41

RE-D 537 — RE-D 1016 — RE-D 1016A

NOTE - ALL ROADS IN AREA EXCEPT IN SEGMENTS 'C' 'D' & CHANNEL CLEARANCE AREA CLOSED BY ORDER OF PROBATE COURT, CALHOUN COUNTY, ALA. 7-17-1942.

QUISITION TRACT REGISTER

LICENSE	REMARKS
	SAFETY ZONE PERMIT FOR FIVE YEARS FROM 27 SEPTEMBER [illegible] ENTIRE 6.40 AC. REACQUIRED AS TRACT NOS. F-601-E & F

L BAPTIST CHURCH	1 CO			262	HEIRS OF BEN & GARNIE PORTER		
. LAND CO.	800.00			263	MRS. IDA M. GRIFFIS	24.85	
N, ET UX.	1358			264	MRS E. N. SELLERS, ET AL	160.00	
HOLTAM, ET VIR	80.00			265	HERMAN MCCLELLAN	19.17	
LAND CO.	40.00			266	JOHN W. ARNOLD, ET UX	12.00	
	40.00			267	WILLIAM M. TRUITT	7.50	
MINERAL CO.	40.00			268	IDA V. BATTLE	80.00	
TE	40.00			269	ELSIE CORA FREEL, ET VIR	188.88	
ER, ET AL.	59.75			270	MILDRED BOOZER PIRKLE, ET VIR.	188.88	
	20.25			271	MC GRUDER BUSH, ET UX.	13.00	
	240.00			272	JAMES E. MARTIN, ET UX.	158.00	
UX.	160.00			273	VESTER TRUITT	40.00	
UX	130.00			275	LLOYD UNION SCHOOL	1.33	
Y CO.	3.00	RE-D 4173 →		276-L	SOUTHERN RAILWAY CO		NO AREA (LICENSE)
	1.00				ADDITION		
	2.70			A-1	ESTEL GRIFFIN, ET UX.	8.00	
RTER	40.00			A-2	THOMAS A HINES, ET UX.	29.67	
, ET AL.	80.00			A-3	ROBERT PETTUS PRUETT, JR., ET UX.	16.80	
	20.00			A-4	C N. & LULA MAY DEAN	1.33	
	7.80			A-5	DAN W. WILKINSON, ET UX.	2.00	
UX.	386.00			A-6	GEORGE C. COLEMAN, ET UX.	84.92	
ET AL.	184.30			A-7	A. FREEMAN MIXON, ET UX	1.08	
, ET UX.	116.00			A-8	MRS. JOHNNIE LANEY SKELTON	3.00	
	44.00			A-9	ELLIS B. & LOU THELLA MURPHREE	29.00	
, ET AL.	80.00			A-10	W. E. ERVIN, ET UX.	9.00	
E	80.00			A-11	WILLIE MAE BURGESS, ET AL.	57.00	
ATE	280.00			A-12	MARIE L. BURKE	38.00	
	80.00			A-13	J. GROVER MURPHREE	1.80	
ER	80.00						
GESS, ET AL.	86.00				CHANNEL CLEARANCE		
EX, ET UX.	64.18			B-1	J. B. MURPHREE, ET UX.	0.20	
ORN, ET UX	4.19			B-2	W A HARRIS, ET UX	3.00	
	19.77			B-3	LEONARD YATES	4.90	
	1.00			B-4	EMMETT C. WILSON		3.10
NK OF ANNISTON	80.00						
	120.00				SAFETY ZONE		
, ET AL.	160.00			C-14	D E. HOLMES, ET UX.	13.00	
N, ET AL	40.00			C-15	J. E. HARRISON	84.00	
L LAND CO	40.00			C-16	ANNISTON NATIONAL BANK	59.00	
ET AL.	80.00			C-17	W. E. BENTLEY, ET UX.	118.00	
, ET AL.	80.00			C-18	J. E. HARRISON	11.00	
L LAND CO.	320.00			C-19	ALF RICHEY, ET UX.	34.00	
	40.00			C-20	T. R. WALKER, ET UX.	4.00	
AL BANK	40.00			C-21	SEMUS WALKER, ET UX.	7.80	
UX.	160.00			C-22	A. C. WALKER, ET AL	80.60	
NK OF ANNISTON	1280.00			C-23	J. E. HARRISON	2.00	
, ET AL.	120.00			C-24	O. P. BURNS, ET AL.	82.00	
ET UX.	1.31			C-25	J. E. HARRISON	84.00	
ARRIE PORTER, ET AL	20.00			C-26	MARGARET L. TURNER, ET AL.	23.00	
T AL.	20.00			C-27	TILGHMAN TURNER	13.00	
ET UX.	38.69				RAILROAD CLASSIFICATION YARD		
GESS, ET AL.	40.00						
X.	80.00			D-303	LELIA E. HUDSON, ET VIR.	42.86	
ET UX.	80.00			D-304	J. A. MILLER, ET UX.	167.67	
	40.00			D-308	CORA RAY FREEL, ET VIR.	190.83	
BANK OF ANNISTON	80.00				R. R. CLASSIFICATION YARD ADD.		
	80.00			E-1	THE CHOCCOLOCCO SPORTSMENS CLUB, INC.		2.43

RE-D 537 — RE-D 1016 — RE-D 1016A

EXT IN SEGMENTS 'C' 'D' & CHANNEL CLEARANCE AREA
PRIVATE OWNER: CALHOUN COUNTY, ALA. 7-17-1942.

REMARKS

ENTIRE 6.40 AC. REACQUIRED AS TRACT NOS. F-601-E & F-631-E
INCLUDED IN F-600-E, F-603-E, F-629-E

ACQUISITION AUTHORIZATION

RE-D Unnumbered DATED 9-23-40
RE-D Unnumbered DATED 2-6-41
RE-D 537 DATED 1-7-42
RE-D 1016 DATED 5-28-42
RE-D 1016A DATED 9-9-43

OF BEN & GARNIE PORTER		
)A M. GRIFFIS	24.85	
. M. SELLERS, ET AL	160.00	
N MCCLELLAN	19.17	
. ARNOLD, ET UX	12.00	
IM M. TRUITT	7.50	
BATTLE	80.00	
CORA FREEL, ET VIR	188.85	
D BOOZER PIRKLE, ET VIR.	188.85	
IDER BUSH, ET UX.	13.00	
E. MARTIN, ET UX.	158.00	
R TRUITT	40.00	
UNION SCHOOL	1.33	
ERN RAILWAY CO		NO AREA (LICENSE)
ODITION		
GRIFFIN, ET UX.	8.00	
S A HINDS, ET UX.	29.67	
T PETTUS PRUETT, JR., ET UX.	16.80	
LULA MAY DEAN	1.33	
WILKINSON, ET UX.	2.00	
E C. COLEMAN, ET UX.	84.92	
EMAN MIXON, ET UX.	1.68	
OHNNIE LANEY SKELTON	3.00	
B. B LOU THELLA MURPHREE	29.00	
ERVIN, ET UX.	9.00	
MAE BURGESS, ET AL.	97.00	
L. BURKE	38.00	
IVER MURPHREE	1.50	
NNEL CLEARANCE		
MURPHREE, ET UX.	0.20	
HARRIS, ET UX	3.00	
RD YATES	4.90	
TT C. WILSON		3.10
SAFETY ZONE		
HOLMES, ET UX.	13.00	
HARRISON	84.00	
TON NATIONAL BANK	59.00	
BENTLEY, ET UX.	118.00	
HARRISON	11.00	
RICHEY, ET UX.	34.00	
WALKER, ET UX.	4.00	
WALKER, ET UX.	7.00	
WALKER, ET AL	30.00	
HARRISON	2.00	
BURNS, ET AL.	82.00	
HARRISON	84.00	
ABET L. TURNER, ET AL.	23.00	
MAN TURNER	13.00	
L ROAD CLASSIFICATION YARD		
A. E. HUDSON, ET VIR.	48.06	
MILLER, ET UX.	167.07	
RAY FREEL, ET VIR.	190.43	
. CLASSIFICATION YARD ADD.		
HOCOLOCCO SPORTSMENS CLUB, INC.		0.43

ACRES TRANSFERRED

ACRES EXCHANGED

ACRES OTHERWISE * (1) PERMIT

LEGEND

RESERVATION LINE

STATE OR PROVINCE LINE

COUNTY LINE

CIVIL DISTRICT PRECINCT

LAND-GRANT LINE

CITY, VILLAGE, OR BOROUGH

CEMETERY, SMALL PARK, ETC

TOWNSHIP LINE

SECTION LINE

AVIGATION EASEMENT

FEE SIMPLE

SCALE IN

0 1000 2000

WAR DEPARTMENT

CONSTRUCTION DIVISION

REAL ESTATE

ANNISTON ORDNANCE

MILITARY RESERVATION

RECOMMENDED

APPROVED

TRACT

ACQUISITION AUTHORIZATION

RE-D Unnumbered	DATED 9-22-41
RE-D Unnumbered	DATED 2-6-41
RE-D 337	DATED 1-7-42
RE-D 1016	DATED 5-28-42
RE-D 1016A	DATED 9-9-43

24.85	
160.00	
19.17	
12.00	
7.50	
80.00	
188.88	
188.88	
13.00	
158.00	
40.00	
1.33	
	NO AREA (LICENSE)
8.00	
29.67	
16.80	
1.33	
2.00	
54.92	
1.08	
3.00	
20.00	
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57.00	
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23.00	
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48.86	
167.07	
190.43	
	0.43

ACRES TRANSFERRED

ACRES EXCHANGED

ACRES OTHERWISE * (1) PERMIT

LEGEND

RESERVATION LINE

STATE OR PROVINCE LINE

COUNTY LINE

CIVIL DISTRICT PRECINCT

LAND-GRANT LINE

CITY, VILLAGE, OR BOROUGH

CEMETERY, SMALL PARK, ETC.

TOWNSHIP LINE

SECTION LINE

AVIGATION EASEMENT

FEE SIMPLE

SCALE - IN

0 1000 2000

WAR DEPARTMENT

CONSTRUCTION DIVISION

REAL ESTATE

ANNISTON ORDNANCE

MILITARY RESERVATION

RECOMMENDED

APPROVED

DRAWN FROM TRACT

AUTHORIZATION

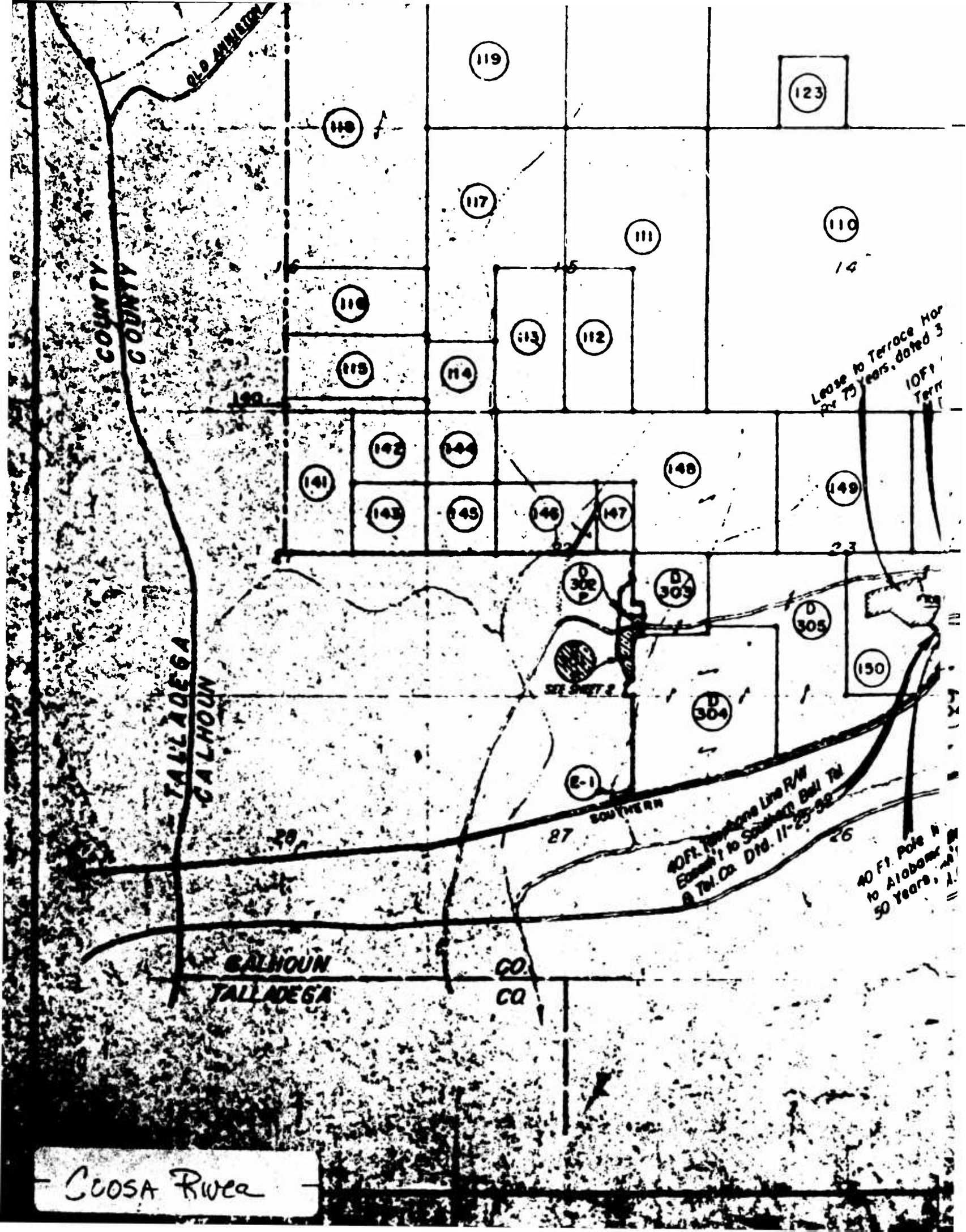
DATED 9-23-40

DATED 2-6-41

DATED 1-7-42

DATED 5-28-42

DATED 9-9-43


OLD ANNISTON
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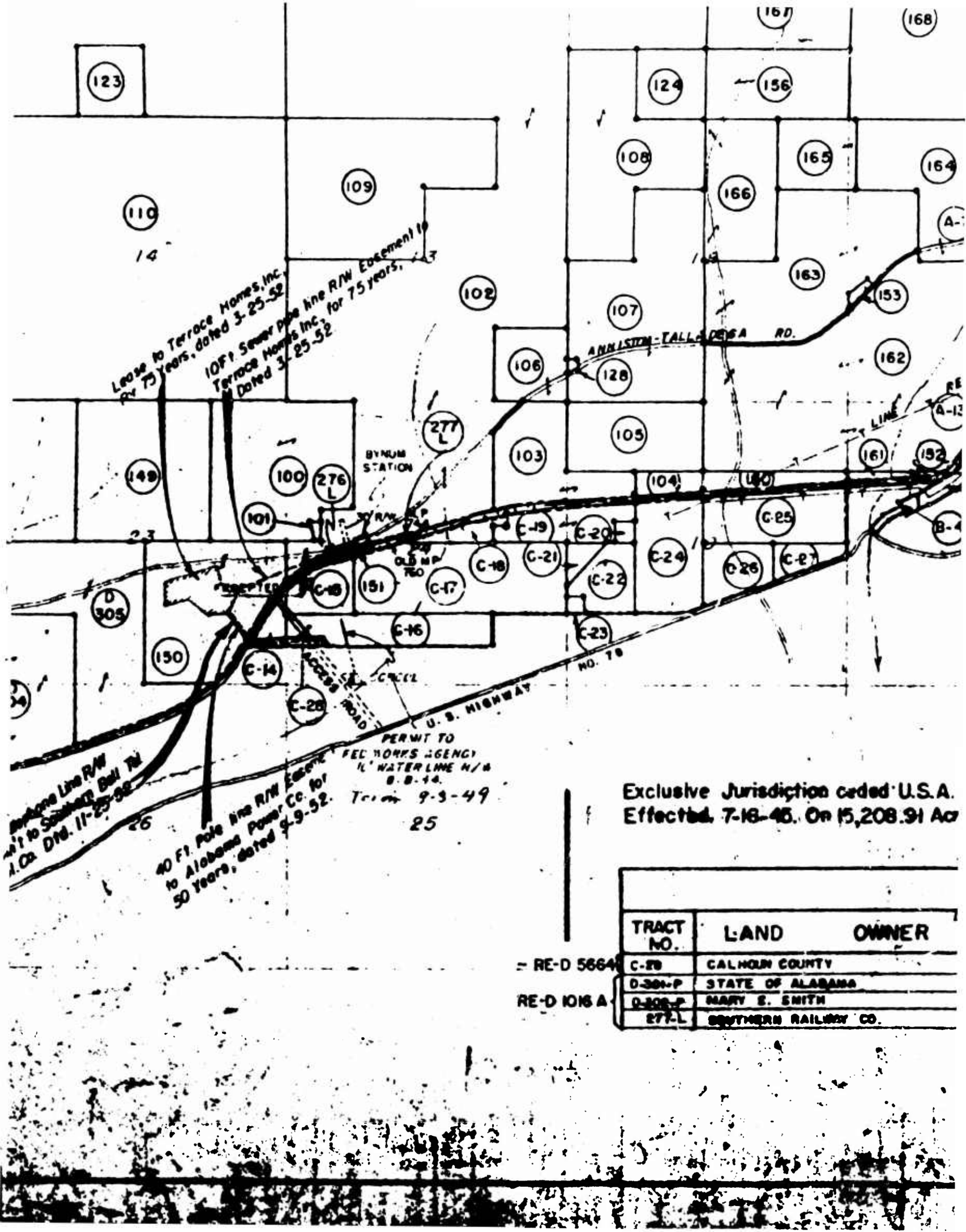
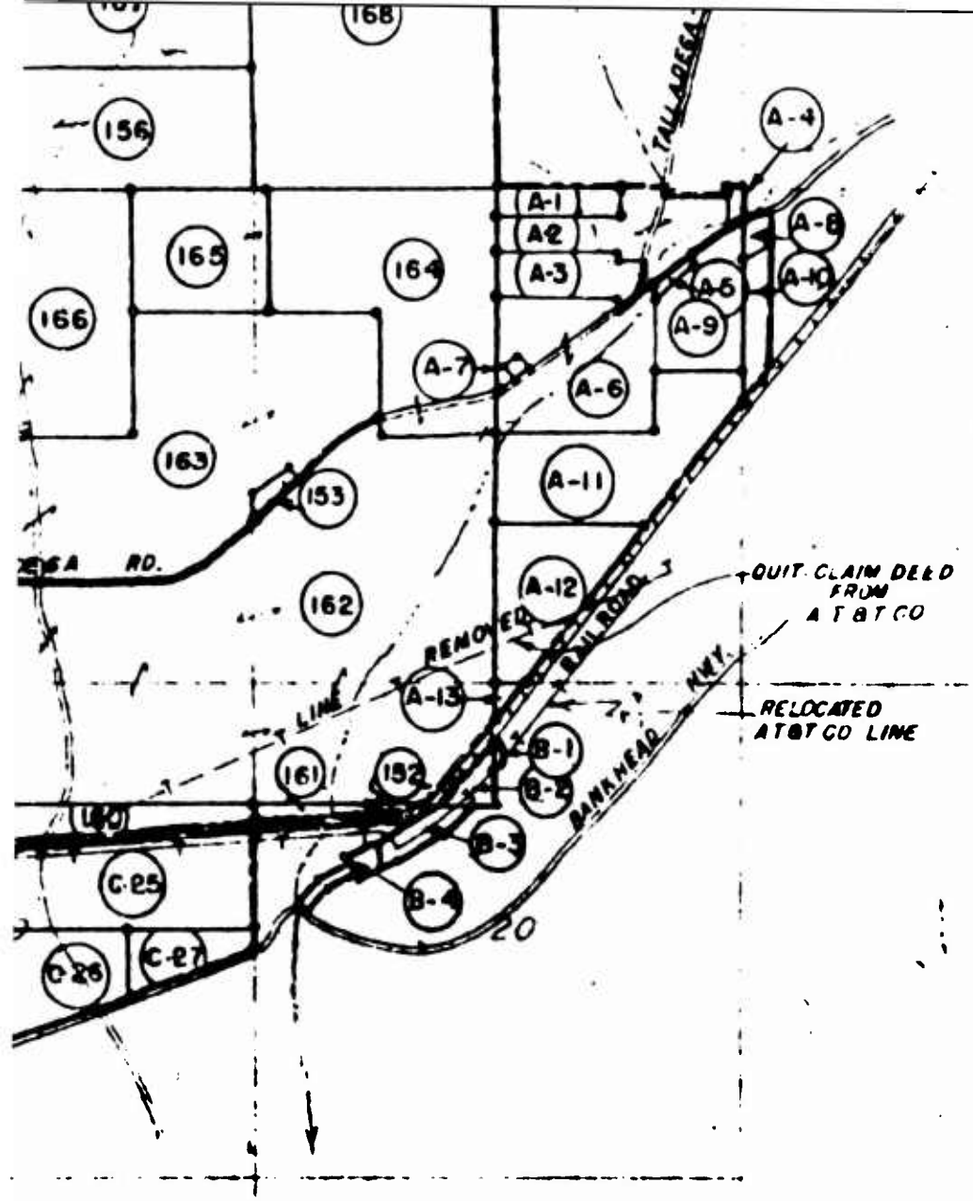
SEE SHEET 2
E-1
TALLADEGA COUNTY
CALHOUN
SOUTHERN
27
26
40 Ft. Telephone Line R/W
Easement to Southern Bell Tel
& Tel. Co. Dtd. 11-25-58
40 Ft. Pole
to Alabama
50 Years,
CALHOUN CO.
TALLADEGA CO
Coosa River



TRACT NO.	LAND OWNER
C-28	CALHOUN COUNTY
D-301-P	STATE OF ALABAMA
D-305-P	MARY E. SMITH
277-L	SOUTHERN RAILWAY CO.



151	SOUTHERN RA
152	LEONARD YATE
153	J.D. SPEARS, E
154	JOHN WESLEY
156	GEORGE C. COL
160	JOHN E. HARRI
161	EMMETT C. WI
162	W A. HARRIS,
163	OSCAR P. BUR
164	GEORGE C. COLE
165	J.D. SPEARS, ET
166	GEORGE C. COLI
167	P. M. DAVIS E
168	W. P. ACKER
169	CARTER L. SI
170	CLARENCE SA
171	WILLIE MAE
172	EDGAR W. MEI
173	CHARLES M
180	SARAH F. TUR
181	SARAH F. TUI
200	FIRST NATIONAL
201	L. J CASEY, E
202	ADDIE SUMMAI
203	FANNIE C. GO
204	ALABAMA MIN
205	DOLLIE HUGHE
206	FANNIE C. GOO
207	ALABAMA MIN
208	MARY S. SMITH
209	ANNISTON NAT
210	RILEY DUTTON
211	FIRST NATIONAL
212	MATTIE O. BOO
213	JOHN W. ARNO
214	HEIRS OF BEN
215	P. P. PORTER
216	GEORGE PORTI
217	WILLIE MAE
218	C. D. FINLAY, E
219	LUTHER SMIT
220	IDA V. BATTLE
221	FIRST NATIONA
222	LEBA SEARS

RE-D Unnumbered Dtd

NOTE - ALL ROADS IN AREA CLOSED BY DEGREE

- Jurisdiction ceded U.S.A. 6-22-45.
- 7-16-45. On 15,208.91 Acres Fee Land.

ACQUISITION TRACT REGISTER

LAND OWNER	ACREAGE			RE
	FEE	PERMIT	LICENSE	
CALHOUN COUNTY	8.07			
STATE OF ALABAMA				SAFETY ZONE PERMIT FOR [illegible] YEARS FROM 27 [illegible]
MARY S. SMITH		NO AREA		SAFETY ZONE PERMIT FOR [illegible] PERIOD [illegible]
SOUTHERN RAILWAY CO.			NO AREA	SEWER LINE CROSSING [illegible] PERIOD FROM [illegible]

RE-D Unnumbered Dtd

151	SOUTHERN RAILWAY CO.	3 00	RE-D 4173 →
152	LEONARD YATES	1.00	
153	J.D. SPEARS, ET AL.	2.70	
154	JOHN WESLEY PORTER	40.00	
156	GEORGE C. COLEMAN, ET AL.	80 00	
160	JOHN E. HARRISON	20.00	
161	EMMETT C. WILSON	7.80	
162	W A. HARRIS, ET UX.	386.00	
163	OSCAR P. BURNS, ET AL.	184 30	
164	GEORGE C. COLEMAN, ET UX.	116.00	
165	J.D. SPEARS, ET AL.	44.00	
166	GEORGE C. COLEMAN, ET AL.	80.00	
167	P M. DAVIS ESTATE	80.00	
168	W. P. ACKER ESTATE	280.00	
169	CARTER L. SMITH	80.00	
170	CLARENCE SATCHER	80 00	
171	WILLIE MAE BURGESS, ET AL.	80.00	
172	EDGAR W. MEHAFFEY, ET UX.	64.18	
173	CHARLES M. HATHORN, ET UX	4.18	
180	SARAH F. TURNER	19.77	
181	SARAH F. TURNER	1.00	
200	FIRST NATIONAL BANK OF ANNISTON	80.00	
201	L. J CASEY, ET UX.	120.00	
202	ADDIE SUMMARELL, ET AL.	160.00	
203	FANNIE G. GOODWIN, ET AL	40.00	
204	ALABAMA MINERAL LAND CO	40.00	
205	DOLLIE HUGHES, ET AL.	80.00	
206	FANNIE G. GOODWIN, ET AL	80.00	
207	ALABAMA MINERAL LAND CO.	320.00	
208	MARY S. SMITH	40.00	
209	ANNISTON NATIONAL BANK	40.00	
210	RILEY DUTTON, ET UX.	160.00	
211	FIRST NATIONAL BANK OF ANNISTON	1250.00	
212	MATTIE O. BOOZER, ET AL.	120.00	
213	JOHN W. ARNOLD, ET UX.	1.31	
214	HEIRS OF BEN & CARRIE PORTER, ET AL	20.00	
215	P. P. PORTER, ET AL.	20.00	
216	GEORGE PORTER, ET UX.	38.69	
217	WILLIE MAE BURGESS, ET AL.	40.00	
218	C. D. FINLAY, ET UX.	80.00	
219	LUTHER SMITH, ET UX.	80.00	
220	IDA V. BATTLE,	40.00	
221	FIRST NATIONAL BANK OF ANNISTON	80.00	
222	LEBA SEARS	80.00	

RE-D 537

A-1	ESTEL GRIFFIN, ET UX.
A-2	THOMAS A HINDS, ET UX.
A-3	ROBERT PETTUS PRJETT, JR., E
A-4	C N. & LULA MAY DEAN
A-5	DAN W. WILKINSON, ET UX.
A-6	GEORGE C. COLEMAN, ET
A-7	A. FREEMAN MIXON, ET U
A-8	MRS. JOHNNIE LANEY SKELTO
A-9	ELLIS B. & LOU THELLA MI
A-10	W. E. ERVIN, ET UX.
A-11	WILLIE MAE BURGESS, ET AL
A-12	MARIE L. BURKE
A-13	J. GROVER MURPHREE

RE-D 1016

B-1	J. G. MURPHREE, ET UX.
B-2	W. A. HARRIS, ET UX
B-3	LEONARD YATES
B-4	EMMETT C. WILSON
C-14	D E. HOLMES, ET UX.
C-15	J. E. HARRISON
C-16	ANNISTON NATIONAL BANK
C-17	W. E. BENTLEY, ET UX.
C-18	J.E. HARRISON
C-19	ALF RICHEY, ET UX
C-20	T. R. WALKER, ET UX
C-21	SEMUS WALKER, ET UX
C-22	A. C. WALKER, ET AL
C-23	J. E. HARRISON
C-24	O. P. BURNS, ET AL.
C-25	J. E. HARRISON
C-26	MARGARET L. TURNER, ET AL
C-27	TILGHMAN TURNER

RE-D 1016A

D-303	LELIA E. HUDSON, ET VIR.
D-304	J. A. MILLER, ET UX.
D-306	DORA RAY FREEL, ET
E-1	THE CHOCCOLOCCO SPORTSMENS

ADDITION

CHANNEL CLEARANCE

SAFETY ZONE

RAIL ROAD CLASSIFICA

R. R. CLASSIFICATION Y

NOTE - ALL ROADS IN AREA EXCEPT IN SEGMENTS 'C' & 'D' & CHANNEL CLEARANCE AREA CLOSED BY DECREE OF PROBATE COURT, CALHOUN COUNTY, ALA. 7-17-1942.

ACT REGISTER

REMARKS

TRACT FOR [illegible] YEARS FROM [illegible] ENTIRE 646.90 AC. REACQUIRED AS TRACT NOS. F-601-E & F-631-E

[illegible] INCLUDED IN [illegible] F-602-E, F-603-E, F-629-E

ACQUISITK

RE-D Unnumber

RE-D Unnumber

RE-D 537

RE-D 1016

RE-D 1016A

RE-D 4173 (C

RE-D [illegible] (

RE-D 6300

RE-D 6523

RE-D 7221

RE-D 7221A

APR 1913

D 4173

276-L	SOUTHERN RAILWAY CO		(LICENSE)
	ADDITION		
A-1	ESTEL GRIFFIN, ET UX.	8.00	
A-2	THOMAS A HINES, ET UX.	29.67	
A-3	ROBERT PETTUS PRJETT, JR., ET UX.	16.80	
A-4	C N. & LULA MAY DEAN	1.33	
A-5	DAN W. WILKINSON, ET UX.	2.00	
A-6	GEORGE C. COLEMAN, ET UX.	54.92	
A-7	A. FREEMAN MIXON, ET UX.	1.08	
A-8	MRS. JOHNNIE LANEY SKELTON	3.00	
A-9	ELLIS B. & LOU THELLA MURPHREE	29.00	
A-10	W. E. ERVIN, ET UX.	9.00	
A-11	WILLIE MAE BURGESS, ET AL.	57.00	
A-12	MARIE L. BURKE	38.00	
A-13	J. GROVER MURPHREE	1.80	
	CHANNEL CLEARANCE		
B-1	J. G. MURPHREE, ET UX.	0.20	
B-2	W. A. HARRIS, ET UX	3.00	
B-3	LEONARD YATES	4.90	
B-4	EMMETT C. WILSON		5.10
	SAFETY ZONE		
C-14	D. E. HOLMES, ET UX.	13.00	
C-15	J. E. HARRISON	24.00	
C-16	ANNISTON NATIONAL BANK	55.00	
C-17	W. E. BENTLEY, ET UX.	118.00	
C-18	J.E. HARRISON	11.00	
C-19	ALF RICHEY, ET UX	34.00	
C-20	T. R. WALKER, ET UX	4.00	
C-21	SEMUS WALKER, ET UX	7.00	
C-22	A. C. WALKER, ET AL	30.60	
C-23	J. E. HARRISON	2.00	
C-24	O. P. BURNS, ET AL.	82.00	
C-25	J. E. HARRISON	54.00	
C-26	MARGARET L. TURNER, ET AL.	23.00	
C-27	TILGHMAN TURNER	13.00	
	RAIL ROAD CLASSIFICATION YARD		
D-303	LELIA E. HUDSON, ET VIR.	48.66	
D-304	J. A. MILLER, ET UX	167.67	
D-305	DORA RAY FREEL, ET VIR.	190.43	
	R. R. CLASSIFICATION YARD ADD.		
E-1	THE CHOCCOLOCCO SPORTSMENS CLUB, INC.		9.43

RE-D 537
RE-D 1016
RE-D 1016A

RESERVATION LINE
STATE OR PROVINCE LINE
COUNTY LINE
CIVIL DISTRICT PRECINCT
LAND-GRANT LINE
CITY, VILLAGE, OR BOROUGH
CEMETERY, SMALL PARK, ET
TOWNSHIP LINE
SECTION LINE
AVIGATION EASEMENT
FEE SIMPLE

SCALE
0 1000 2000

WAR DEPAR
CONSTRUCT
REAL
ANNISTON ORDN
MILITARY R

CLEARANCE AREA
MAR. 17-1942.

TRACT NOS. F-601-E & F-631-E

ACQUISITION AUTHORIZATION

RE-D Unnumbered	DATED 9-23-40
RE-D Unnumbered	DATED 2-6-41
RE-D 537	DATED 1-7-42
RE-D 1016	DATED 5-28-42
RE-D 1016A	DATED 9-9-43
RE-D 4173 (GENERAL)	DATED 1[illegible]
RE-D [illegible]	DATED [illegible]
RE-D 6300	DATED [illegible]
RE-D 6523	DATED 3 28 [illegible]
RE-D 7221	DATED 12 16 [illegible]
RE-D 7221A	DATED 5 22 [illegible]

1913

		NO AREA (LICENSE)
	8.00	
	29.87	
	16.80	
	1.33	
	2.00	
	64.92	
	1.00	
	3.00	
	29.00	
	9.00	
	87.00	
	38.00	
	1.80	
	0.20	
	3.00	
	4.90	
		3.10
	13.00	
	24.00	
	59.00	
	118.00	
	11.00	
	34.00	
	4.00	
	7.80	
	30.60	
	2.00	
	82.00	
	84.00	
	23.00	
	13.00	
N YARD		
	42.96	
	167.07	
	190.43	
ADD.		
INC.		0.43

AUTHORIZATION

DATED 9-23-40
DATED 2- 6-41
DATED 1- 7-42
DATED 3-[illegible]
DATED 9-9-43
DATED [illegible]
DATED [illegible]
DATED [illegible]
DATED 3 28 [illegible]
DATED 12 16 [illegible]
DATED 5 [illegible]

RESERVATION LINE
STATE OR PROVINCE LINE
COUNTY LINE
CIVIL DISTRICT PRECINCT
LAND-GRANT LINE
CITY, VILLAGE, OR BOROUGH
CEMETERY, SMALL PARK, ETC
TOWNSHIP LINE
SECTION LINE
AVIGATION EASEMENT
FEE SIMPLE

SCALE IN FEET
0 1000 2000

WAR DEPARTMENT
CONSTRUCTION DIVISION

REAL ESTATE

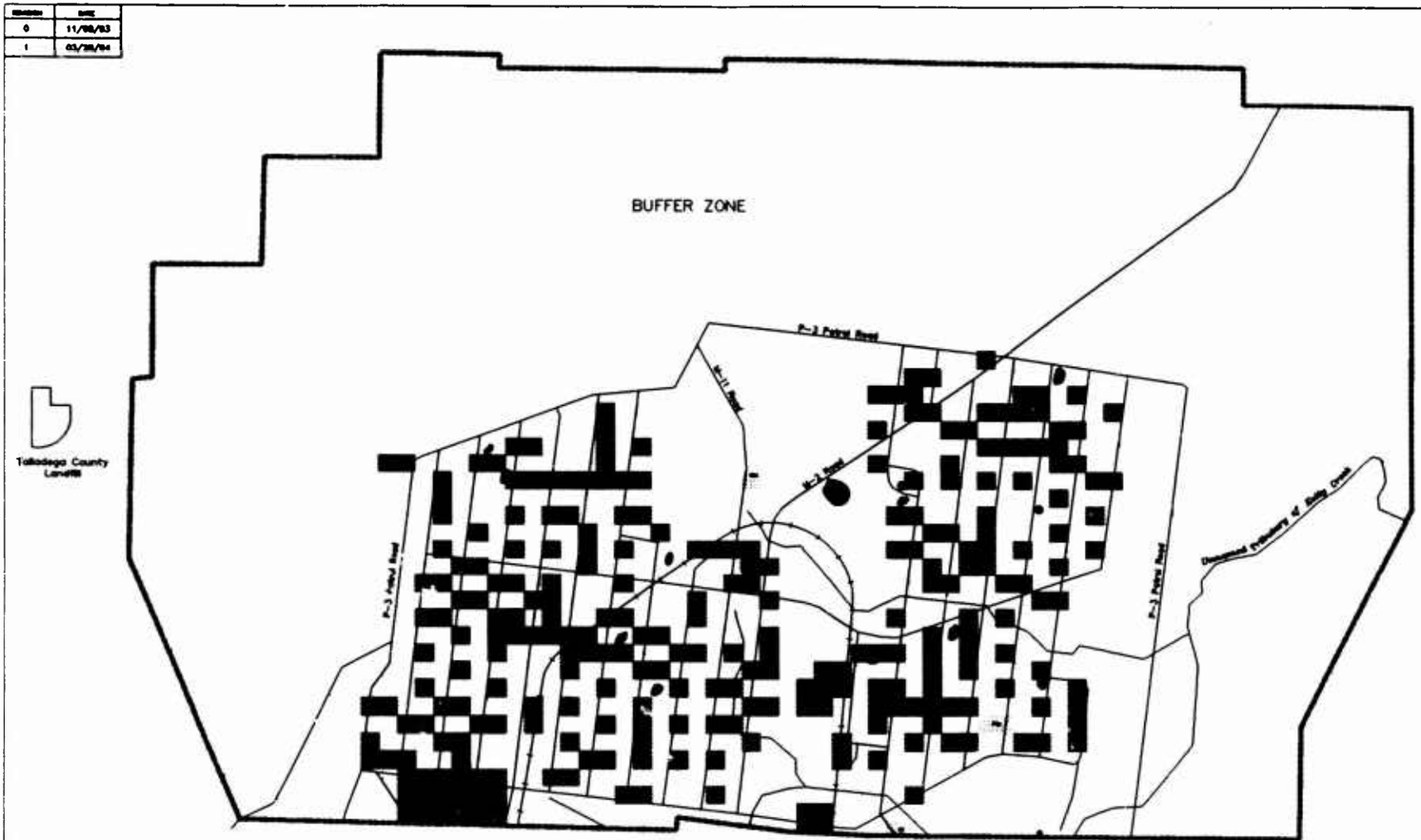
ANNISTON ORDNAN[illegible]

MILITARY RESERVATION

RECOMMENDED
APPROVED

FIGURE 5-3
SUMMARY CERFA MAP, COOSA RIVER STORAGE ANNEX, TALLADEGA, ALABAMA

0	11/08/93
1	03/28/94



BRAC Property Boundary

CERFA Parcel

CERFA Parcel with Qualifiers

CERFA Disqualified Parcel

CERFA Excluded Parcel

Source: CERFA Investigation, March 1994

The Earth Technology Corporation

1420 KING STREET SUITE 600, ALEXANDRIA, VIRGINIA 22314

FIGURE 5-3
SUMMARY CERFA MAP
COOSA RIVER STORAGE ANNEX
TALLADEGA, ALABAMA

DRAWN BY: MTM	DESIGNED BY: N/A	
CHECKED BY: CF	APPROVED BY: BY	DATE: 03/28/94
TETC PROJECT NUMBER: 931977-04	DRAWING NUMBER: SHEET 1 OF 1	REV. NO.: 1

APPENDIX A

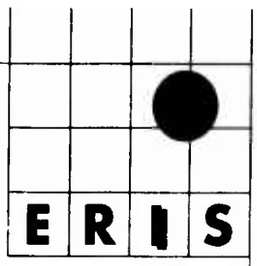
REFERENCE LIST FOR COOSA RIVER STORAGE ANNEX

APPENDIX A
REFERENCE LIST FOR
COOSA RIVER STORAGE ANNEX

Document	Date	Source
1. Historic Properties Report.	July 1984	Not Located
2. An Archeological Overview and Management Plan for Coosa River Storage Annex, Talladega County, Alabama.	October 1984	Not Located
3. Enhanced Preliminary Assessment, Coosa River Storage Annex, Talladega, Alabama.	December 1989	U.S. Army Environmental Center
4. Preliminary Investigation, Anniston Army Depot, Coosa River Storage Annex, Talladega, Alabama.	1990	U.S. Environmental Protection Agency
5. Secondary Site Assessment, Anniston Army Depot, Coosa River Storage Annex, Talladega, Alabama.	July 1991	U.S. Environmental Protection Agency
6. Environmental Investigation Report, Coosa River Storage Annex, Talladega, Alabama, Volumes I and II.	September 1992	U.S. Army Environmental Center
7. Real Estate Transfer Register.	Unknown	U.S. Army Environmental Center
8. Real Estate Track Map.	Unknown	Anniston Army Depot
9. Final Report Coosa River Storage Annex - Environmental Photographic Interpretation Center, N.D.	N.D.	U.S. Army Environmental Center
10. Environmental Assessment for the Closure and Disposal of Coosa River Storage Annex, U.S. Army Corps of Engineers.	August 1991	Anniston Army Depot
11. General Site and Building Use, Coosa River Ordnance, Talladega, Alabama.	June 1992	Anniston Army Depot
12. Real Property Inventory.	N.D.	Anniston Army Depot
13. Community Environmental Response Facilitation Act Site Visit.	October 1992	Anniston Army Depot

APPENDIX B

ERIIS DATA BASE SEARCH REPORT



ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES REPORT

PERTAINING TO:

COOSA RIVER ANNEX
TALLADEGA COUNTY, AL

ON BEHALF OF:

THE EARTH TECHNOLOGY CORP.
1420 KING ST., STE. 600
ALEXANDRIA, VA 22314

PREPARED ON:

August 31, 1993

ERIIS REPORT NUMBER:

28667

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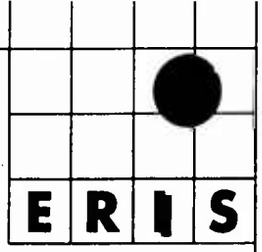
TABLE OF CONTENTS



I. REPORT OVERVIEW

RADIUS REPORT

REPORT NUMBER: 28667

STATE: AL
LATITUDE: 33.481133
LONGITUDE: -86.067882
ZIP CODES SEARCHED: 35160

DATABASE	RADIUS (MILES)	RADIUS REPORTED SITES					NOT RADIUS REPORTED		TOTAL SITES
		Property	Property-1/16	1/16-1/2	1/2-1	>1	ZIP CODE	CITY/COUNTY	
NPL	2.750	NO	0	0	0	0	0	0	0
CERCLIS	2.750	NO	0	0	0	0	2	0	2
TRI	2.750	NO	0	0	0	0	1	0	1
RCRIS_TS	2.750	NO	0	0	0	0	0	0	0
RCRIS_LG	2.750	NO	0	0	0	0	3	0	3
RCRIS_SG	2.750	NO	0	0	0	1	7	0	8
DOCKET	2.750	NO	0	0	0	0	0	0	0
ERNS	2.750	NO	0	0	0	0	3	1	4
IDS	2.750	NO	0	0	0	5	17	0	22
NUCLEAR		NR	NR	NR	NR	NR	0	0	0
OPENDUMP		NR	NR	NR	NR	NR	0	0	0
UST	2.750	NO	0	0	0	5	97	0	102
LANDFILL		NR	NR	NR	NR	NR	0	9	9
			0	0	0	11	130	10	151

Selection of **PROPERTY** records requires an accurate street address in the ERIIS job order.

ZIP CODE and **CITY/COUNTY** sites are not radius reportable due to insufficient and/or inaccurate addresses reported by federal/state agency. These sites are reported within the study site zip code(s) and/or city/county and may be within the study site radius. These sites require further investigation to accurately assess proximity to the study site.

blank radius count indicates that the database was not searched by this radius per client instructions.

..R in a radius or zip code count indicates that the database cannot be reported by this search criteria due to insufficient and/or inaccurate addresses reported by a federal/state agency.

State data in paper format is sorted using the most specific secondary search criteria available (zip code, city, or county).

ERIIS Report Overview

The ERIIS Report consists of five (5) basic sections:

* Digital Custom Plotted Map
* Database Records
* Statistical Profile
* Sanborn Fire Insurance Map(s)
* Topographical Map

Digital Custom Map

Each site-specific Digital Custom Map is plotted using U.S. Census TIGER Files. The cross in the center of the map represents the study site. The red circle represents the study radius, usually one mile. Reported federal/state hazardous waste and toxic chemical sites are plotted on the map and are easily distinguished by different symbols.

Statistical Profile

The Statistical Profile is an at-a-glance numeric summary of the data included in the ERIIS Report.

Database Records

This section presents detailed federal and state database information for each site within the study radius. Sites are easily located on the digital map by using the number in the MAP ID column of the report.

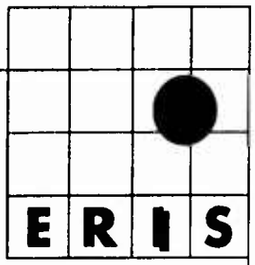
Note: Many of the sites reported in federal/state databases cannot be plotted due to inaccurate or incomplete addresses (e.g., PO Box number, street name with no number). Still, they are potentially within the study radius. ERIIS reports these sites using progressively broader search criteria to ensure that all potentially relevant hazardous sites are included. All zip codes within and intersected by the study radius are searched, as well as records that simply report the relevant city or county. Where applicable, federal and state database information is further subdivided.

Sanborn Fire Insurance Maps

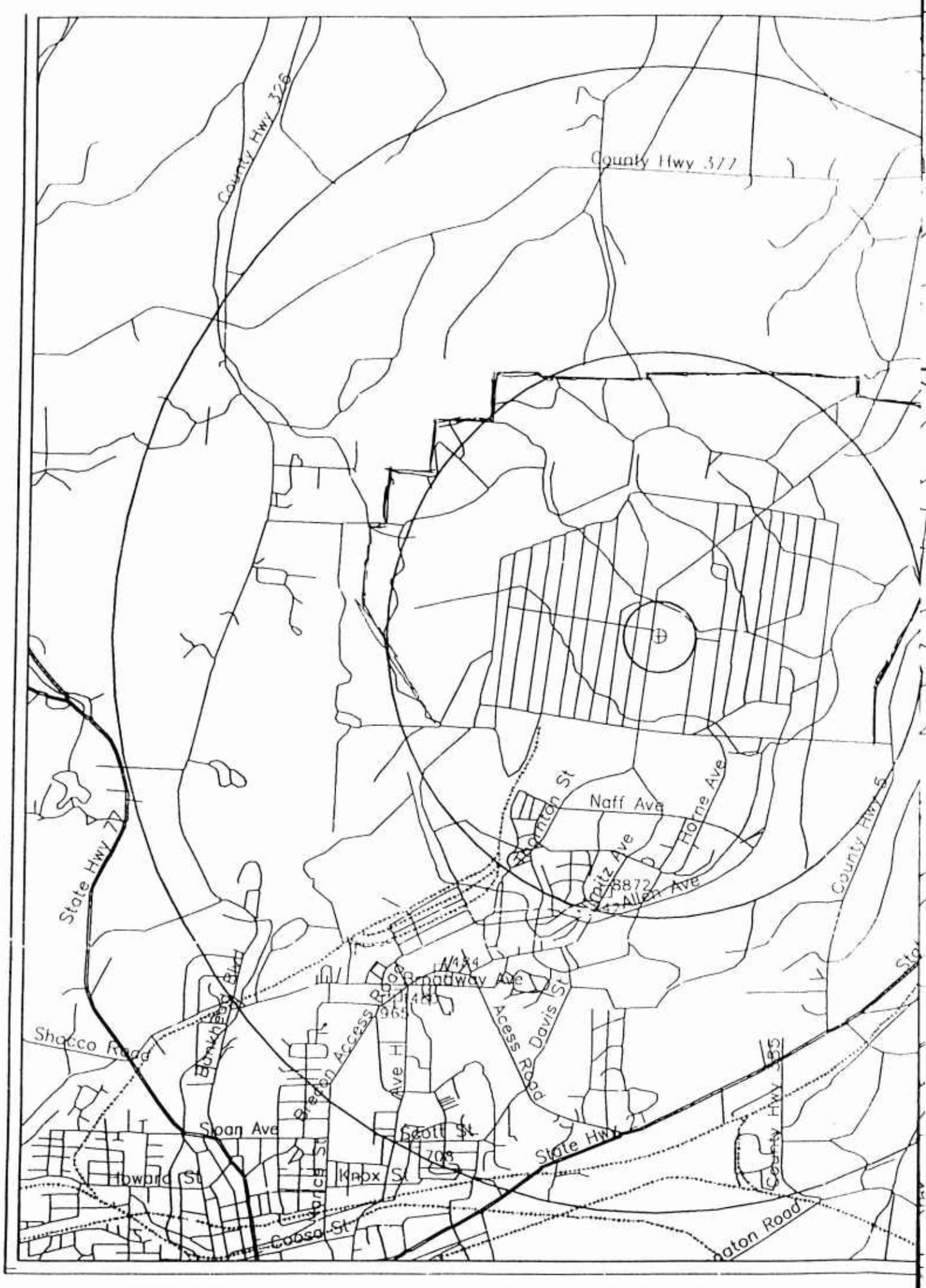
ERIIS has assembled a collection of Historical Sanborn Fire Insurance Maps covering 14,000 cities and towns. In some cases, however, the ERIIS Report will include a notice that no maps were found. This notice should serve as evidence of due diligence.

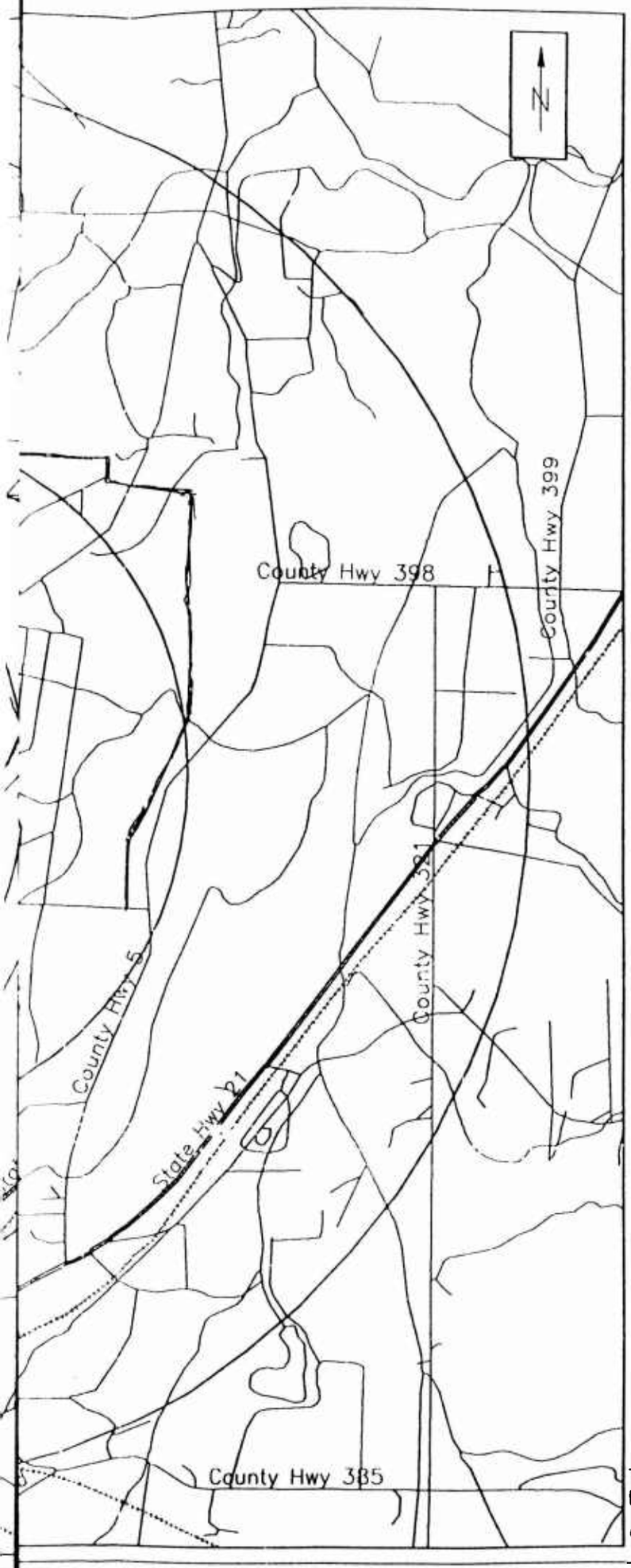
Topographic Map

ERIIS provides a topographic map with each report which accurately depicts the natural and man-made features of the land. The shape and elevation of the terrain are represented by contour lines and specific features, such as roads, towns, and vegetation, are portrayed by map symbols and colors. Standard topographic maps are produced at a 1:24,000 scale, or one inch represents 2000 feet.



II. DIGITAL CUSTOM PLOTTED MAP


County Hwy 326
County Hwy 377
Naff Ave
Horne Ave
Allen Ave
State Hwy 7
County Hwy 5
Broadway Ave
Davis St
Shacco Road
Sloan Ave
Scott St
Howard St
Knox St
Coosa St
State Hwy 27
County Hwy 35



ERIIS

1421 Prince Street, Ste 330
Alexandria, VA 22314
(703)836-0402 (800)989-0402
FAX: (703)836-0468

SITE INFORMATION

Cossa River Annex
Talladega Co., AL
Talladega County
Job Number: 28667
Map Plotted: Aug 31, 1993

MAP LEGEND

- Hydrography
- Railroads
- Roads
- Highways
- CERCLIS 0 Site(s)
- NPL 0 Site(s)
- RCRIS_LG 0 Site(s)
- RCRIS_SG 1 Site(s)
- RCRIS_TS 0 Site(s)
- TRI 0 Site(s)
- UST 5 Site(s)

Miles

0 0.5

The Information on this map is subject to the Report Disclaimer Notice

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APPENDIX C

REGULATORY COMMENTS TO DRAFT COOSA RIVER STORAGE AREA CERFA REPORT

ADEM

ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Leigh Pegues, Director

Jim Folsom
Governor

Mailing Address:
PO BOX 301463
MONTGOMERY AL
36130-1463

Physical Address:
1751 Cong. W. L.
Dickinson Drive
Montgomery, AL
36109-2608

(205) 271-7700
FAX 271-7950
270-5612

Field Offices:

110 Vulcan Road
...ingham, AL
...9-4702
(205) 942-6168
FAX 941-1603

400 Well Street
P O. Box 953
Decatur, AL
35602-0953
(205) 353-1713
FAX 340-9359

2204 Perimeter Road
Mobile, AL
36615-1131
(205) 450-3400
FAX 479-2593

November 23, 1993

Mr. Scott Hill
Department of the Army
US Army Environmental Center
Base Closure Division
Aberdeen Proving Ground, Maryland 21010-5401

RE: Draft Community Environmental Response Facilitation Act for Coosa River Storage Annex (CRSA)

Dear Mr. Hill:

We have reviewed the Draft Report for Community Environmental Response Facilitation Act for Coosa River Storage Annex, dated November 8, 1993. We wish to give you our comments based upon this review.

We concur with the Draft Report. However, we must point out that the total acreage contained in Parcel No. 1 P in Table 5-1 is some what misleading because it contains some CERFA Parcels inside the parameter of P-3 Patrol Road and these parcels will not be available for immediate excessing for reuse and redevelopment until the Disqualified or Qualified Parcels within the parameter of P-3 Patrol Road are remediated.

If you have any questions, please call this office.

Sincerely,

C.H. Cox
Special Projects

CHC/sps

APPENDIX D

DETAILED DATA BASE COOSA RIVER STORAGE AREA

C:\CERFA\ \MASTER\YES-NO.CRA
Printed: 03/30/94 07:50

COOSA RIVER STORAGE ANNEX
CERFA CATEGORY MATRIX

LOCATION	CERFA PARCEL WITH QUALIFIERS CATEGORIES						CERFA DISQUALIFIED CATEGORIES			
	ASBESTOS	LEAD	RADON	RADIO-NUCLIDES	UNEXPLODED ORDNANCE	PCBs STORAGE	PETROLEUM RELEASE	PETROLEUM STORAGE	HAZARDOUS SUBSTANCE RELEASE	HAZARDOUS SUBSTANCE STORAGE
Storage Igloo 1501			P						Y	
Storage Igloo 1502			P						Y	
Storage Igloo 1503			P						Y	
Storage Igloo 1504			P						Y	
Storage Igloo 1505			P						Y	
Storage Igloo 1506			P						Y	
Storage Igloo 1507			P						Y	
Storage Igloo 1508			P						Y	
Storage Igloo 1509			P						Y	
Storage Igloo 1601			P						Y	
Storage Igloo 1602			P						Y	
Storage Igloo 1603			P						Y	
Storage Igloo 1604			P						Y	
Storage Igloo 1605			P						Y	
Storage Igloo 1606			P						Y	
Storage Igloo 1607			P				Y		Y	
Storage Igloo 1609			P						Y	
Storage Igloo 1701			P						Y	
Storage Igloo 1702			P						Y	
Storage Igloo 1703			P						Y	
Storage Igloo 1704			P						Y	
Storage Igloo 1705			P						Y	
Storage Igloo 1706			P						Y	
Storage Igloo 1707			P						Y	
Storage Igloo 1708			P						Y	
Storage Igloo 1709			P						Y	
Storage Igloo 1710			P						Y	

LOCATION	CERFA PARCEL WITH QUALIFIERS CATEGORIES						CERFA DISQUALIFIED CATEGORIES			
	ASBESTOS	LEAD	RADON	RADIO-NUCLIDES	UNEXPLODED ORDNANCE	PCBs STORAGE	PETROLEUM RELEASE	PETROLEUM STORAGE	HAZARDOUS SUBSTANCE RELEASE	HAZARDOUS SUBSTANCE STORAGE
Storage Igloo 1804			P						Y	
Storage Igloo 1805			P						Y	
Storage Igloo 1806			P						Y	
Storage Igloo 1807			P						Y	
Storage Igloo 1808			P						Y	
Storage Igloo 1809			P						Y	
Storage Igloo 1901			P						Y	
Storage Igloo 1902			P						Y	
Storage Igloo 1903			P						Y	
Storage Igloo 1904			P						Y	
Storage Igloo 1906			P						Y	
Storage Igloo 1907			P						Y	
Storage Igloo 1908			P						Y	
Storage Igloo 1909			P						Y	
Storage Igloo 1910			P				Y		Y	
Storage Igloo 2001			P						Y	
Storage Igloo 2002			P						Y	
Storage Igloo 2003			P						Y	
Storage Igloo 2004			P						Y	
Storage Igloo 2005			P						Y	
Storage Igloo 2006			P						Y	
Storage Igloo 2007			P				Y		Y	
Storage Igloo 2008			P						Y	
Storage Igloo 2009			P						Y	
Storage Igloo 2010			P						Y	
Storage Igloo 2101			P						Y	
Storage Igloo 2102			P						Y	
Storage Igloo 2103			P						Y	
Storage Igloo 2104			P						Y	
Storage Igloo 2105			P						Y	
Storage Igloo 2108			P						Y	
Storage Igloo 2201			P						Y	
Storage Igloo 2202			P						Y	

LOCATION	CERFA PARCEL WITH QUALIFIERS CATEGORIES						CERFA DISQUALIFIED CATEGORIES			
	ASBESTOS	LEAD	RADON	RADIO-NUCLIDES	UNEXPLODED ORDNANCE	PCBs STORAGE	PETROLEUM RELEASE	PETROLEUM STORAGE	HAZARDOUS SUBSTANCE RELEASE	HAZARDOUS SUBSTANCE STORAGE
Storage Igloo 2203			P						Y	
Storage Igloo 2204			P						Y	
Storage Igloo 2205			P						Y	
Storage Igloo 2206			P						Y	
Storage Igloo 2301			P						Y	
Storage Igloo 2302			P						Y	
Storage Igloo 2303			P						Y	
Storage Igloo 2304			P						Y	
Storage Igloo 2305			P						Y	
Storage Igloo 2307			P						Y	
Storage Igloo 2308			P						Y	
Storage Igloo 2310			P							
Storage Igloo 2402			P						Y	
Storage Igloo 2403			P						Y	
Storage Igloo 2404			P						Y	
Storage Igloo 2405			P						Y	
Storage Igloo 2406			P						Y	
Storage Igloo 2407			P						Y	
Storage Igloo 2501			P						Y	
Storage Igloo 2502			P						Y	
Storage Igloo 2503			P						Y	
Storage Igloo 2602			P						Y	
Storage Igloo 2603			P						Y	
Storage Igloo 2604			P						Y	
Storage Igloo 2605			P						Y	
Storage Igloo 2606			P						Y	
Storage Igloo 2608			P						Y	
Storage Igloo 2609			P						Y	
Storage Igloo 2610			P						Y	
Storage Igloo 2612			P						Y	
Storage Igloo 2613			P						Y	
Storage Igloo 2701			P						Y	
Storage Igloo 2702			P						Y	

LOCATION	CERFA PARCEL WITH QUALIFIERS CATEGORIES						CERFA DISQUALIFIED CATEGORIES			
	ASBESTOS	LEAD	RADON	RADIO-NUCLIDES	UNEXPLODED ORDNANCE	PCBs STORAGE	PETROLEUM RELEASE	PETROLEUM STORAGE	HAZARDOUS SUBSTANCE RELEASE	HAZARDOUS SUBSTANCE STORAGE
Storage Igloo 2703			P						Y	
Storage Igloo 2704			P						Y	
Storage Igloo 2705			P						Y	
Storage Igloo 2707			P						Y	
Storage Igloo 2708			P						Y	
Storage Igloo 2710			P						Y	
Storage Igloo 2711			P						Y	
Storage Igloo 2801			P						Y	
Storage Igloo 2802			P						Y	
Storage Igloo 2803			P						Y	
Storage Igloo 2804			P						Y	
Storage Igloo 2806			P						Y	
Storage Igloo 2807			P						Y	
Storage Igloo 2808			P						Y	
Storage Igloo 2809			P						Y	
Storage Igloo 2810			P						Y	
Storage Igloo 2901			P							
Storage Igloo 2902			Y						Y	
Storage Igloo 2903			N						Y	
Storage Igloo 2904			P				Y		Y	
Storage Igloo 2905			Y						Y	
Storage Igloo 2906			N						Y	
Storage Igloo 2908			N						Y	
Storage Igloo 2909			Y						Y	
Storage Igloo 2910			Y						Y	
Storage Igloo 3001			P						Y	
Storage Igloo 3002			P						Y	
Storage Igloo 3003			P						Y	
Storage Igloo 3005			Y						Y	
Storage Igloo 3006			Y						Y	
Storage Igloo 3007			Y						Y	
Storage Igloo 3008			N						Y	
Storage Igloo 3009			Y						Y	

LOCATION	CERFA PARCEL WITH QUALIFIERS CATEGORIES						CERFA DISQUALIFIED CATEGORIES			
	ASBESTOS	LEAD	RADON	RADIO-NUCLIDES	UNEXPLODED ORDNANCE	PCBs STORAGE	PETROLEUM RELEASE	PETROLEUM STORAGE	HAZARDOUS SUBSTANCE RELEASE	HAZARDOUS SUBSTANCE STORAGE
Storage Igloo 3010			Y						Y	
Storage Igloo 3011			Y						Y	
Storage Igloo 3101									Y	
Storage Igloo 3102			P						Y	
Storage Igloo 3106			P						Y	
Storage Igloo 3107			P						Y	
Storage Igloo 3108			P				Y		Y	
Storage Igloo 3110			P						Y	
Storage Igloo 3301			P				Y		Y	
Storage Igloo 3302			P				Y		Y	
Railcar Loading Ramp 3404									Y	
Railcar Loading Ramp 3405									Y	
Railcar Loading Ramp 3406									Y	
Railcar Loading Ramp 3407									Y	
Railcar Loading Ramp 3408									Y	
Debris Pile									Y	
Ground Disturbance 1									Y	
Ground Disturbance 2									Y	
Ground Disturbance 5									Y	
Ground Disturbance 7									Y	
Ground Disturbance 8									Y	
Ground Disturbance 9									Y	
Ground Disturbance 13									Y	
Ground Disturbance 15									Y	
Building S1	Y	Y						Y		
Building S2		Y						Y		
Building S3	Y	Y						Y		
Building S4		Y								

STATUS=Y - SUBSTANCE PRESENT
STATUS=P - POSSIBLE SUBSTANCE PRESENT

Records printed: 154

ASBESTOS-CONTAINING MATERIAL

LOCATION	STATUS	LOCATION COMMENTS	REMEDIATION OR MITIGATION	APPENDIX A REFERENCE(S)
Building S1	Y			6
Building S3	Y			6

STATUS=Y - ASBESTOS CONTAINING MATERIAL PRESENT
STATUS=P- POSSIBLE ASBESTOS CONTAINING MATERIAL PRESENT

Records printed: 2

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LEAD-BASED PAINT

LOCATION	STATUS	LOCATION COMMENTS	YEAR BUILT	REMEDIATION OR MITIGATION	APPENDIX A REFERENCE(S)
Building S1	Y		1943		12
Building S2	Y		1943		12
Building S3	Y		1943		12
Building S4	Y		1943		12

STATUS=Y - LEAD-BASED PAINT PRESENT
STATUS=P - POSSIBLE LEAD-BASED PAINT PRESENT

Records printed: 4

RADON

LOCATION	STATUS	LOCATION COMMENTS	SUBSTANCE	DATE START	DATE END	APPENDIX A REFERENCE(S)
Storage Igloo 1501	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1502	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1503	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1504	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1505	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1506	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1507	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1508	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1509	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1601	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1602	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1603	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1604	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1605	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1606	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1607	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1609	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1701	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6

LOCATIO	STATUS	COMMENTS	SUBSTANCE	START	END	REFERENCE(S)
Storage Igloo 1702	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1703	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1704	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1705	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1706	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1707	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1708	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1709	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1710	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1804	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1805	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1806	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1807	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1808	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1809	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1901	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1902	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1903	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1904	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1906	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1907	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6

LOCATION	STATUS	COMMENTS	SUBSTANCE	START	END	REFERENCE(S)
Storage Igloo 1908	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1909	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 1910	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2001	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2002	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2003	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2004	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2005	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2006	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2007	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2008	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2009	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2010	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2101	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2102	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2103	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2104	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2105	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2108	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2201	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2202	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6

LOCATIO	STATUS	COMMENTS	SUBSTANCE	START	END	REFERENCE(S)
Storage Igloo 2203	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2204	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2205	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2206	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2301	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2302	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2303	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2304	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2305	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2307	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2308	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2310	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2402	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2403	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2404	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2405	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2406	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2407	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2501	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2502	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2503	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6

LOCATION	STATUS	COMMENTS	SUBSTANCE	START	END	REFERENCE(S)
Storage Igloo 2602	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2603	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2604	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2605	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2606	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2608	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2609	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2610	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2612	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2613	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2701	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2702	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2703	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2704	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2705	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2707	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2708	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2710	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2711	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2801	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2802	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6

LOCATIO	STATUS	COMMENTS	SUBSTANCE	START	END	REFERENCE(S)
Storage Igloo 2803	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2804	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2806	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2807	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2808	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2809	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2810	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2901	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2902	Y		Concentration = 8.80 pCi/L			6
Storage Igloo 2904	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 2905	Y		Concentration = 6.70 pCi/L			6
Storage Igloo 2909	Y		Concentration = 8.20 pCi/L			6
Storage Igloo 2910	Y		Concentration = 5.40 pCi/L			6
Storage Igloo 3001	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3002	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3003	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3005	Y		Concentration = 5.70 pCi/L			6
Storage Igloo 3006	Y		Concentration = 7.60 pCi/L			6
Storage Igloo 3007	Y		Concentration = 8.90 pCi/L			6
Storage Igloo 3009	Y		Concentration = 5.60 pCi/L			6
Storage Igloo 3010	Y		Concentration = 11.85 pCi/L			6
Storage Igloo 3011	Y		Concentration = 5.80 pCi/L			6
Storage Igloo 3102	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3106	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3107	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3108	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6

LOCATION	STATUS	COMMENTS	SUBSTANCE	START	END	REFERENCE(S)
Storage Igloo 3110	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3301	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6
Storage Igloo 3302	P		concentration range of 1.0 to 12.7 pCi/L in 14 Igloos sampled			6

STATUS=Y - SUBSTANCE PRESENT
STATUS=P - POSSIBLE SUBSTANCE PRESENT

Records printed: 131

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PETROLEUM RELEASE

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 1607	Y	Soil Sample	Soil	Total petroleum hydrocarbons			6	
Storage Igloo 1910	Y	Interior surfaces	Surface	Total petroleum hydrocarbons			6	Release occurred inside of building
Storage Igloo 2007	Y	Interior surfaces	Surface	Total petroleum hydrocarbons			6	Release occurred inside of building
Storage Igloo 2904	Y	Interior surfaces	Surface	Total petroleum hydrocarbons			6	Release occurred inside of building
Storage Igloo 3108	Y	Interior surfaces	Surface	Total petroleum hydrocarbons			6	Release occurred inside of building
Storage Igloo 3301	Y	Interior surfaces	Surface	Total petroleum hydrocarbons			6	Release occurred inside of building
Storage Igloo 3302	Y	Interior surfaces	Surface	Total petroleum hydrocarbons			6	Release occurred inside of building

STATUS=Y - SUBSTANCE PRESENT
STATUS=P - POSSIBLE SUBSTANCE PRESENT

Records printed: 7

PETROLEUM STORAGE

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE START	DATE INACTIVATED	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Building S1	Y		UST	Gasoline	3,000 Gal	~1958	1990	3,4,5,6	Ust Emptied in 1985 - Removed in 1990
Building S1	Y		UST	Liquid petroleum gas		1943		3,6	Removed in 1990
Building S1	Y		AGT	Propane	500 Gal			13	
Building S2	Y		AGT	Propane	500 Gal			13	
Building S3	Y		UST	Liquid petroleum gas		1943		3,6	Removed in 1990

STATUS=Y - SUBSTANCE PRESENT
STATUS=P - POSSIBLE SUBSTANCE PRESENT

Records printed: 5

HAZARDOUS SUBSTANCE RELEASE

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Debris Pile	Y	Beneath debris pile	Soil	Lead, Mercury, Methylbenzene			6	
Ground Disturbance 1	Y	Soils	Soil	Lead, Nitrocellulose			6	
Ground Disturbance 13	Y	Soils	Soil	Mercury			6	
Ground Disturbance 15	Y	Soils	Soil	Lead, Mercury			6	
Ground Disturbance 2	Y	Soils	Soil	Mercury			6	
Ground Disturbance 5	Y	Soils	Soil	Lead			6	
Ground Disturbance 7	Y	Soils	Soil	Lead, Mercury			6	
Ground Disturbance 8	Y	Soils	Soil	Mercury			6	
Ground Disturbance 9	Y	Soils	Soil	Mercury			6	
Railcar Loading Ramp 3404	Y	Soils around ramp	Soil	Lead			6	
Railcar Loading Ramp 3405	Y	Soils around ramp	Soil	Lead, Mercury, Nitrocellulose, 2,4-Dinitrotoluene			6	
Railcar Loading Ramp 3406	Y	Soils around ramp	Soil	Lead			6	
Railcar Loading Ramp 3407	Y	Soils around ramp	Soil	Lead			6	
Railcar Loading Ramp 3408	Y	Soils around ramp	Soil	Lead, Mercury			6	
Storage Igloo 1501	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1502	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1503	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1503	Y	Interior surfaces	Surface	Nitrobenzene			6	inside of building
Storage Igloo 1504	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1505	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1506	Y	Surface soils around entrance	Soil	Lead			6	

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 1507	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1508	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1509	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1601	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1602	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1603	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1604	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1605	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1606	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1607	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1609	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1609	Y	Interior surfaces	Surface	2,4,6-Trinitrotoluene			6	inside of building
Storage Igloo 1701	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1702	Y	Surface soils around entrance	Soil	Lead, 2,4-Dinitrotoluene			6	
Storage Igloo 1703	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1704	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1705	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1706	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1707	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1708	Y	Surface soils around entrance	Soil	Lead			6	

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 1708	Y	Interior surfaces	Surface	2,4,6-Trinitrotoluene			6	inside of building
Storage Igloo 1709	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1710	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1804	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 1805	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1806	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1807	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1808	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1809	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1809	Y	Interior surfaces	Surface	2,4,6-Trinitrotoluene			6	inside of building
Storage Igloo 1901	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1902	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1903	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1904	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1906	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1907	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1907	Y	Interior surfaces	Surface	2,4,6-Trinitrotoluene			6	inside of building
Storage Igloo 1908	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1909	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 1910	Y	Surface soils around entrance	Soil	Lead			6	

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 2001	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2002	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2003	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2004	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2005	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2006	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2007	Y	Surface soils around entrance	Soil	Nitrocellulose, Lead			6	
Storage Igloo 2008	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2009	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2010	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2101	Y	Surface soils around entrance	Soil	Lead, Mercury, 2,4-Dinitrotoluene			6	
Storage Igloo 2102	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2103	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2104	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2105	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2108	Y	Surface soils around entrance	Soil	Lead, Mercury, 2,4-Dinitrotoluene			6	
Storage Igloo 2201	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2202	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2203	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2204	Y	Surface soils around entrance	Soil	Nitrocellulose, Lead, Mercury			6	

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 2205	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2206	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2301	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2302	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2303	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2304	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2305	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2307	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2308	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2402	Y	Surface soils around entrance	Soil	Nitrocellulose, Lead, Mercury			6	
Storage Igloo 2403	Y	Surface soils around entrance	Soil	Nitrocellulose, Lead, Mercury			6	
Storage Igloo 2404	Y	Surface soils around entrance	Soil	Nitrocellulose, Lead, Mercury			6	
Storage Igloo 2405	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2406	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2407	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2501	Y	Surface soils around entrance	Soil	Mercury			6	
Storage Igloo 2502	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2503	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2602	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2603	Y	Surface soils around entrance	Soil	Lead			6	

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 2604	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2605	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2606	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2608	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2609	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2610	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2612	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2613	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2701	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2702	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2703	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2703	Y	Interior surfaces	Surface	1,3,5-Trinitrobenzene			6	inside of building
Storage Igloo 2704	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2705	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2707	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2708	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2710	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2711	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2801	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2802	Y	Surface soils around entrance	Soil	Lead			6	

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 2803	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2804	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2806	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2807	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2808	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2809	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2810	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2902	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2903	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2904	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 2905	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2906	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2908	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2909	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 2910	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3001	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3002	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3003	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 3003	Y	Interior surfaces	Surface	2,4,6-Trinitrotoluene			6	inside of building
Storage Igloo 3005	Y	Surface soils around entrance	Soil	Lead			6	

LOCATION	STATUS	LOCATION COMMENTS	TYPE	SUBSTANCE	QUANTITY	DATE RELEASE	APPENDIX A REFERENCE(S)	REMEDIATION OR MITIGATION
Storage Igloo 3006	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3007	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3008	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3009	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 3010	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3011	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3101	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3102	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 3106	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3107	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3108	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3110	Y	Surface soils around entrance	Soil	Lead			6	
Storage Igloo 3301	Y	Surface soils around entrance	Soil	Lead, Mercury			6	
Storage Igloo 3302	Y	Surface soils around entrance	Soil	Lead, Mercury			6	

STATUS=Y - SUBSTANCE PRESENT
STATUS=P - POSSIBLE SUBSTANCE PRESENT

Records printed: 155